

PONDICHERRY UNIVERSITY

Public university in Pondicherry



WEB ACCESSIBILITY – CSCE843 **(Softcore)**

TASK-8 ***(Google Accessibility Scanner Application)***

HOTSTAR Application

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TASK – 8

Accessibility Scanner

- Accessibility Scanner is a tool that scans an app's user interface to provide recommendations on how to improve accessibility of the app.
- Accessibility Scanner enables anyone, not just developers, to quickly and easily identify a range of common accessibility improvements.
- For Example, enlarging small touch targets, increasing contrast for text and images and providing content descriptions for unlabelled graphical elements.
- Accessibility Scanner is available for phones and tablets with Android 6.0 and up.



Accessibility Scanner Application Description

Version: 2.3.0.456557213

Updated on: 21-Jul-2022

Requires Android: 6.0 and up

Downloads: 1,000,000+ downloads

Released on: 23-Mar-2016

Offered by: Google LLC

App Rating: Everyone [Learn more](#)

Permission: This app has access to:

- full network access
- read Google service configuration
- measure app storage space
- control vibration
- view network connections

Installation of Accessibility Scanner

Step 1: Download Accessibility Scanner from Google Play.

Link: <https://play.google.com/store/apps/details?id=com.google.android.apps.accessibility.auditor>

Step 2: Open Accessibility Scanner Accessibility Scanner 

Step 3: In device's Settings of app, follow the prompts to turn on Accessibility Scanner.

Step 4: Tap Accessibility → Accessibility Scanner → Use service.

- **To turn off Accessibility Scanner:** Return to Settings → Accessibility → Accessibility Scanner.

Scan App (Hotstar)

Scan a snapshot of app or a series of screens as interact with app.


Two Types of Scan Options

1. Scan a recording


- Scan a workflow or task within the app.
- With this option, Accessibility Scanner records and analysis the elements on screen as use and navigate through app.

Notes: The recording includes a series of screenshots, and doesn't include video or audio. The recording stays on device and is never shared with Google.

a) To scan a recording:


- i. Open app
- ii. Tap the Accessibility Scanner button 
- iii. Tap Record Video camera
- iv. Use app: If go to another app, the recording pauses until return

b) To stop a recording:

- i. From the top of screen, swipe down to open notifications. Or, open another app
- ii. Tap Accessibility Scanner is recording
- iii. Tap Stop 

2. Scan a snapshot

➤ To scan a single screen of app:

- i. Open app
- ii. Tap Accessibility Scanner 
- iii. Tap Snapshot Choose image.

Review the results of a scan

After scan a recording or snapshot, Accessibility Scanner displays one or more screenshots in app. Within a screenshot, results of the scan are outlined in orange rectangles.

- **To view details:** Tap the outlined area. If a screen has multiple results, tap Next →.
- **To view a complete list of results from all the screenshots:** Tap List and then View by screen or view by category.
- **To share results:** Tap Share

If scanned a recording or have more than one screenshot:

- **To navigate between screenshots:** In the carousel at the top, tap a screenshot. Or, tap Next →
- **To view a grid with all the screenshots:** Tap Library 



Note: If a resource name is too long to fit on screen, touch and hold the resource name to marquee it.

Scan secure windows

If app has a window that's declared "secure" (using `WindowManager.LayoutParams.FLAG_SECURE`) Accessibility Scanner can't capture an image of the screen or check color contrast. For these windows, after it scans app, Accessibility Scanner shows a black screen. However, can still read the scan results for other opportunities.


Change contrast & touch target size thresholds

To change the thresholds that Scanner uses for contrast ratio and touch target size.

1. On device, go to the Apps section
2. Tap Accessibility Scanner  → Settings 
3. View or change settings
 - **Text contrast ratio:** Set a new minimum for text colour contrast.
 - **Image contrast ratio:** Set a new minimum for image colour contrast.
 - **Touch target size:** Set a new minimum for touch target size.

Edit contrast ratio results


Scanner uses foreground and background colours to decide the contrast ratio. To change the foreground or background colours.

1. On device, go to the Apps section.
2. Tap Accessibility Scanner 
3. Tap a scan that has a color contrast suggestion → **Edit colors**
4. Below the screenshot, tap **Foreground or Background**.
5. **To change the foreground or background color:**
 - Drag the selection frame to a different area of the screenshot
 - At the bottom, tap one of the suggested colors
6. Tap **Apply**

Note: To move the selection frame, tap the arrows on the side. Or, to make larger adjustments, touch and hold the arrows.



Share scan results

To share results with other people, like teammates.

1. Complete a scan
2. Tap Share 
3. Choose how to share results


Note: To share results for an individual item, tap Share while viewing the item.

➤ To share results later:


1. On device, go to the Apps section.
2. Tap Accessibility Scanner 
3. Tap the scan and then Share 
4. Choose how to share results

Manage past scans


➤ Rename a scan

1. On device, go to the Apps section
2. Tap Accessibility Scanner 
3. Tap a scan → More → **Rename title**
4. Create a title
5. Tap **Rename**

➤ Add a description

1. On device, go to the Apps section
2. Tap Accessibility Scanner 
3. Tap a scan → More → **Edit description**
4. Add a description
5. Tap **Save**

➤ Delete a scan

1. On device, go to the Apps section
2. Tap Accessibility Scanner 
3. Tap a scan → More → **Delete scan** → **Delete**

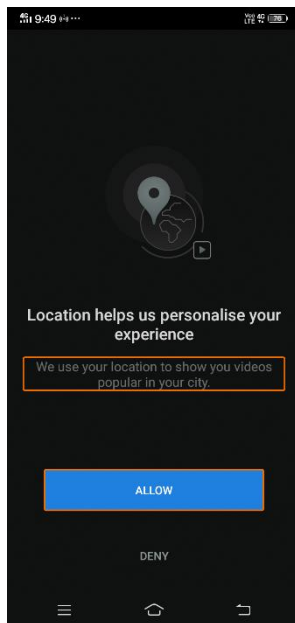
Accessibility Scanner Results of Hotstar Application

1.



No suggestions

2.



The following is a list of opportunities to improve the accessibility of Hotstar. Each item corresponds to an outlined area on the attached screenshot.

Text contrast

`in.startv.hotstar:id/permission_description_textView`

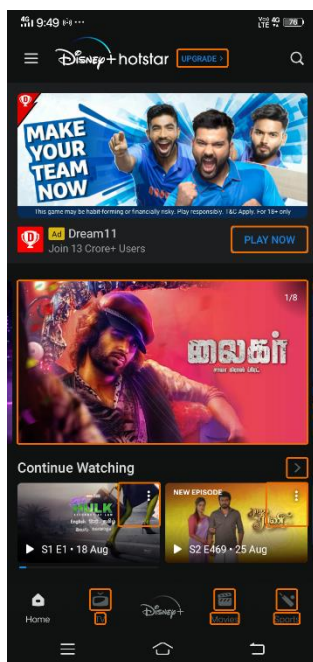
The item's text contrast ratio is 3.73. This ratio is based on an estimated foreground color of #6A7070 and an estimated background color of #101212. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text.

Text contrast

in.startv.hotstar:id/btnEnableLocation

The item's text contrast ratio is 4.02. This ratio is based on an estimated foreground color of #FFFFFF and an estimated background color of #1F80E0. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text.

3.



The following is a list of opportunities to improve the accessibility of Hotstar. Each item corresponds to an outlined area on the attached screenshot.

Item label

in.startv.hotstar:id/ic_info

This item may not have a label readable by screen readers.

Item label

in.startv.hotstar:id/ic_info

This item may not have a label readable by screen readers.

Touch target

in.startv.hotstar:id/llUpgradeButtonContainer

This item's height is 21dp. Consider making the height of this touch target 48dp or larger.

Image contrast

in.startv.hotstar:id/more_iv

The image's contrast ratio is 2.76. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #101212. Consider increasing this ratio to 3.00 or greater.

Image contrast

in.startv.hotstar:id/label

The image's contrast ratio is 1.22. This ratio is based on an estimated foreground color of #334F5C and an estimated background color of #304148. Consider increasing this ratio to 3.00 or greater. This item may be only partially visible within a scrollable container.

Image contrast

in.startv.hotstar:id/icon

The image's contrast ratio is 2.74. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #111313. Consider increasing this ratio to 3.00 or greater.

Image contrast

in.startv.hotstar:id/icon

The image's contrast ratio is 2.74. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #111313. Consider increasing this ratio to 3.00 or greater.

Image contrast

in.startv.hotstar:id/icon

The image's contrast ratio is 2.74. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #111313. Consider increasing this ratio to 3.00 or greater.

Item descriptions

in.startv.hotstar:id/mastheadCard

This clickable item's speakable text: "Home" is identical to that of 1 other item(s).

Text contrast

in.startv.hotstar:id/button_cta

The item's text contrast ratio is 4.13. This ratio is based on an estimated foreground color of #1F80E0 and an estimated background color of #1C1F1F. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text.

Text contrast

in.startv.hotstar:id/smallLabel

The item's text contrast ratio is 2.76. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #101212. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text.

Text contrast

in.startv.hotstar:id/smallLabel

The item's text contrast ratio is 2.76. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #101212. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text.

Text contrast

in.startv.hotstar:id/smallLabel

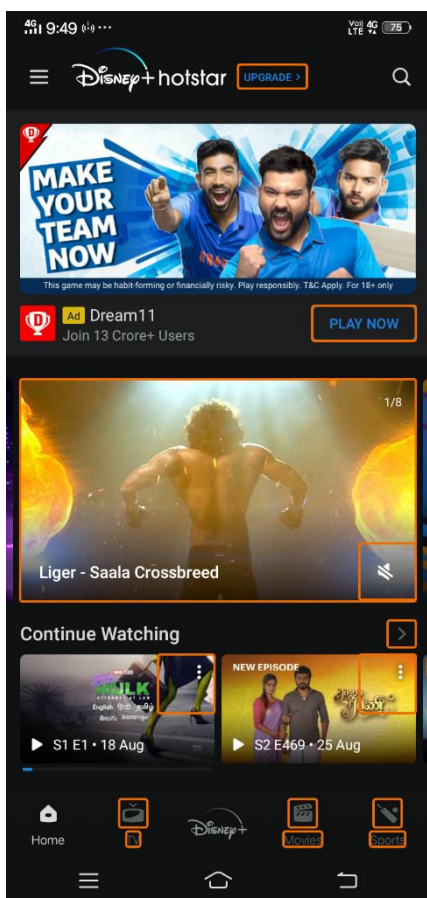
The item's text contrast ratio is 2.74. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #111313. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text.

Touch target

in.startv.hotstar:id/button_cta

This item's height is 30dp. Consider making the height of this touch target 48dp or larger. A parent container may be handling touch events for this item. If selecting the larger container performs the same action as selecting this item, consider defining this item as not clickable. If a different action is performed, consider increasing the size of this item.

4.



The following is a list of opportunities to improve the accessibility of Hotstar. Each item corresponds to an outlined area on the attached screenshot.

Item label

in.startv.hotstar:id/button_unmute

This item may not have a label readable by screen readers.

Item label

in.startv.hotstar:id/ic_info

This item may not have a label readable by screen readers.

Item label

in.startv.hotstar:id/ic_info

This item may not have a label readable by screen readers.

Touch target

in.startv.hotstar:id/llUpgradeButtonContainer

This item's height is 21dp. Consider making the height of this touch target 48dp or larger.

Image contrast

in.startv.hotstar:id/more_iv

The image's contrast ratio is 2.76. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #101212. Consider increasing this ratio to 3.00 or greater.

Image contrast

in.startv.hotstar:id/label

The image's contrast ratio is 1.22. This ratio is based on an estimated foreground color of #334F5C and an estimated background color of #304148. Consider increasing this ratio to 3.00 or greater. This item may be only partially visible within a scrollable container.

Image contrast

in.startv.hotstar:id/icon

The image's contrast ratio is 2.74. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #111313. Consider increasing this ratio to 3.00 or greater.

Image contrast

in.startv.hotstar:id/icon

The image's contrast ratio is 2.74. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #111313. Consider increasing this ratio to 3.00 or greater.

Image contrast

in.startv.hotstar:id/icon

The image's contrast ratio is 2.74. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #111313. Consider increasing this ratio to 3.00 or greater.

Item descriptions

in.startv.hotstar:id/mastheadCard

This clickable item's speakable text: "Home" is identical to that of 1 other item(s).

Text contrast

in.startv.hotstar:id/button_cta

The item's text contrast ratio is 4.13. This ratio is based on an estimated foreground color of #1F80E0 and an estimated background color of #1C1F1F. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text.

Text contrast

in.startv.hotstar:id/smallLabel

The item's text contrast ratio is 2.74. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #111313. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text.

Text contrast

in.startv.hotstar:id/smallLabel

The item's text contrast ratio is 2.74. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #111313. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text.

Text contrast

in.startv.hotstar:id/smallLabel

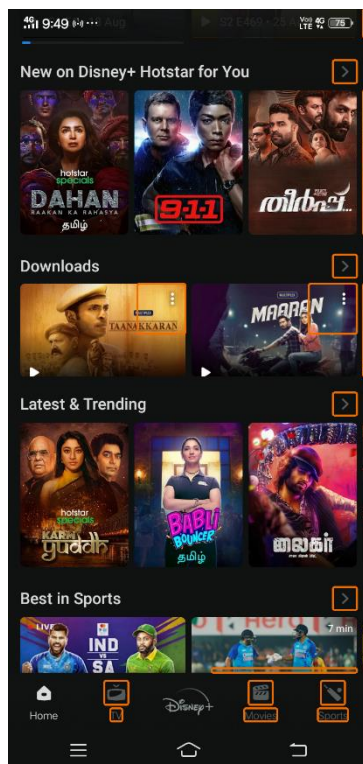
The item's text contrast ratio is 2.74. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #111313. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text.

Touch target

in.startv.hotstar:id/button_cta

This item's height is 30dp. Consider making the height of this touch target 48dp or larger. A parent container may be handling touch events for this item. If selecting the larger container performs the same action as selecting this item, consider defining this item as not clickable. If a different action is performed, consider increasing the size of this item.

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The following is a list of opportunities to improve the accessibility of Hotstar. Each item corresponds to an outlined area on the attached screenshot.

Item label

in.startv.hotstar:id/ic_info

This item may not have a label readable by screen readers.

Item label

in.startv.hotstar:id/ic_info

This item may not have a label readable by screen readers.

Image contrast

[708,0][720,57]

The image's contrast ratio is 1.05. This ratio is based on an estimated foreground color of #131718 and an estimated background color of #0F1111. Consider increasing this ratio to 3.00 or greater. This item may be obscured by other on-screen content. Consider manually testing this item's contrast. This item may be only partially visible within a scrollable container.

Image contrast

in.startv.hotstar:id/image

The image's contrast ratio is 1.05. This ratio is based on an estimated foreground color of #131718 and an estimated background color of #0F1111. Consider increasing this ratio to 3.00 or greater. This item may be obscured by other on-screen content. Consider manually testing this item's contrast. This item may be only partially visible within a scrollable container.

Image contrast

in.startv.hotstar:id/more_iv

The image's contrast ratio is 2.76. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #101212. Consider increasing this ratio to 3.00 or greater.

Image contrast

in.startv.hotstar:id/image

The image's contrast ratio is 2.04. This ratio is based on an estimated foreground color of #76321D and an estimated background color of #120E18. Consider increasing this ratio to 3.00 or greater. This item may be only partially visible within a scrollable container.

Image contrast

in.startv.hotstar:id/more_iv

The image's contrast ratio is 2.76. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #101212. Consider increasing this ratio to 3.00 or greater.

Image contrast

in.startv.hotstar:id/image

The image's contrast ratio is 1.37. This ratio is based on an estimated foreground color of #452518 and an estimated background color of #101212. Consider increasing this ratio to 3.00 or greater. This item may be obscured by other on-screen content. Consider manually testing this item's contrast. This item may be only partially visible within a scrollable container.

Image contrast

in.startv.hotstar:id/play

The image's contrast ratio is 1.02. This ratio is based on an estimated foreground color of #180D09 and an estimated background color of #101212. Consider increasing this ratio to 3.00 or greater. This item may be only partially visible within a scrollable container.

Image contrast

in.startv.hotstar:id/more_iv

The image's contrast ratio is 2.76. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #101212. Consider increasing this ratio to 3.00 or greater.

Image contrast

in.startv.hotstar:id/more_iv

The image's contrast ratio is 2.76. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #101212. Consider increasing this ratio to 3.00 or greater.

Image contrast

in.startv.hotstar:id/icon

The image's contrast ratio is 2.74. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #111313. Consider increasing this ratio to 3.00 or greater.

Image contrast

in.startv.hotstar:id/icon

The image's contrast ratio is 2.74. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #111313. Consider increasing this ratio to 3.00 or greater.

Image contrast

in.startv.hotstar:id/icon

The image's contrast ratio is 2.74. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #111313. Consider increasing this ratio to 3.00 or greater.

Text contrast

in.startv.hotstar:id/titleTV

The item's text contrast ratio is 2.58. This ratio is based on an estimated foreground color of #01779D and an estimated background color of #1C3438. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text. This item may be only partially visible within a scrollable container.

Text contrast

in.startv.hotstar:id/smallLabel

The item's text contrast ratio is 2.74. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #111313. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text.

Text contrast

in.startv.hotstar:id/smallLabel

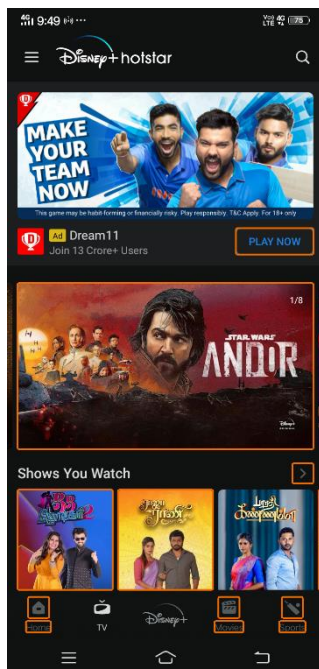
The item's text contrast ratio is 2.74. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #111313. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text.

Text contrast

in.startv.hotstar:id/smallLabel

The item's text contrast ratio is 2.74. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #111313. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text.

6.



The following is a list of opportunities to improve the accessibility of Hotstar. Each item corresponds to an outlined area on the attached screenshot.

Image contrast

in.startv.hotstar:id/more_iv

The image's contrast ratio is 2.76. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #101212. Consider increasing this ratio to 3.00 or greater.

Image contrast

in.startv.hotstar:id/image

The image's contrast ratio is 1.44. This ratio is based on an estimated foreground color of #AB291C and an estimated background color of #276DE7. Consider increasing this ratio to 3.00 or greater. This item may be only partially visible within a scrollable container.

Image contrast

in.startv.hotstar:id/image

The image's contrast ratio is 2.87. This ratio is based on an estimated foreground color of #F99B1F and an estimated background color of #6D5E59. Consider increasing this ratio to 3.00 or greater. This item may be only partially visible within a scrollable container.

Image contrast

in.startv.hotstar:id/image

The image's contrast ratio is 1.15. This ratio is based on an estimated foreground color of #A95054 and an estimated background color of #B33526. Consider increasing this ratio to 3.00 or greater. This item may be only partially visible within a scrollable container.

Image contrast

in.startv.hotstar:id/icon

The image's contrast ratio is 2.74. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #111313. Consider increasing this ratio to 3.00 or greater.

Image contrast

in.startv.hotstar:id/icon

The image's contrast ratio is 2.74. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #111313. Consider increasing this ratio to 3.00 or greater.

Image contrast

in.startv.hotstar:id/icon

The image's contrast ratio is 2.74. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #111313. Consider increasing this ratio to 3.00 or greater.

Item descriptions

in.startv.hotstar:id/mastheadCard

This clickable item's speakable text: "TV" is identical to that of 1 other item(s).

Text contrast

in.startv.hotstar:id/button_cta

The item's text contrast ratio is 4.13. This ratio is based on an estimated foreground color of #1F80E0 and an estimated background color of #1C1F1F. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text.

Text contrast

in.startv.hotstar:id/smallLabel

The item's text contrast ratio is 2.74. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #111313. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text.

Text contrast

in.startv.hotstar:id/smallLabel

The item's text contrast ratio is 2.74. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #111313. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text.

Text contrast

in.startv.hotstar:id/smallLabel

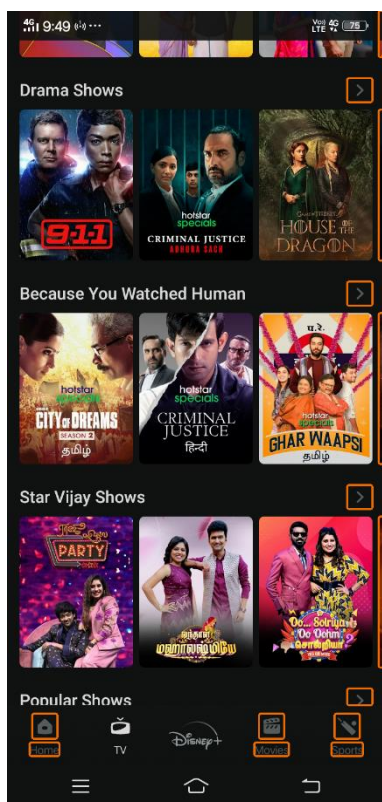
The item's text contrast ratio is 2.74. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #111313. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text.

Touch target

in.startv.hotstar:id/button_cta

This item's height is 30dp. Consider making the height of this touch target 48dp or larger. A parent container may be handling touch events for this item. If selecting the larger container performs the same action as selecting this item, consider defining this item as not clickable. If a different action is performed, consider increasing the size of this item.

7.



The following is a list of opportunities to improve the accessibility of Hotstar. Each item corresponds to an outlined area on the attached screenshot.

Image contrast

in.startv.hotstar:id/image

The image's contrast ratio is 2.80. This ratio is based on an estimated foreground color of #B72518 and an estimated background color of #1F1513. Consider increasing this ratio to 3.00 or greater. This item may be obscured by other on-screen content. Consider manually testing this item's contrast. This item may be only partially visible within a scrollable container.

Image contrast

in.startv.hotstar:id/more_iv

The image's contrast ratio is 2.76. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #101212. Consider increasing this ratio to 3.00 or greater.

Image contrast

in.startv.hotstar:id/image

The image's contrast ratio is 1.22. This ratio is based on an estimated foreground color of #141C1F and an estimated background color of #000000. Consider increasing this ratio to 3.00 or greater. This item may be only partially visible within a scrollable container.

Image contrast

in.startv.hotstar:id/more_iv

The image's contrast ratio is 2.76. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #101212. Consider increasing this ratio to 3.00 or greater.

Image contrast

in.startv.hotstar:id/image

The image's contrast ratio is 1.44. This ratio is based on an estimated foreground color of #50241B and an estimated background color of #101212. Consider increasing this ratio to 3.00 or greater. This item may be only partially visible within a scrollable container.

Image contrast

in.startv.hotstar:id/more_iv

The image's contrast ratio is 2.76. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #101212. Consider increasing this ratio to 3.00 or greater.

Image contrast

in.startv.hotstar:id/image

The image's contrast ratio is 2.38. This ratio is based on an estimated foreground color of #2D0503 and an estimated background color of #903500. Consider increasing this ratio to 3.00 or greater. This item may be only partially visible within a scrollable container.

Image contrast

in.startv.hotstar:id/more_iv

The image's contrast ratio is 2.76. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #101212. Consider increasing this ratio to 3.00 or greater. This item may be only partially visible within a scrollable container.

Image contrast

in.startv.hotstar:id/icon

The image's contrast ratio is 2.74. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #111313. Consider increasing this ratio to 3.00 or greater.

Image contrast

in.startv.hotstar:id/icon

The image's contrast ratio is 2.74. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #111313. Consider increasing this ratio to 3.00 or greater.

Image contrast

in.startv.hotstar:id/icon

The image's contrast ratio is 2.74. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #111313. Consider increasing this ratio to 3.00 or greater.

Text contrast

in.startv.hotstar:id/smallLabel

The item's text contrast ratio is 2.74. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #111313. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text.

Text contrast

in.startv.hotstar:id/smallLabel

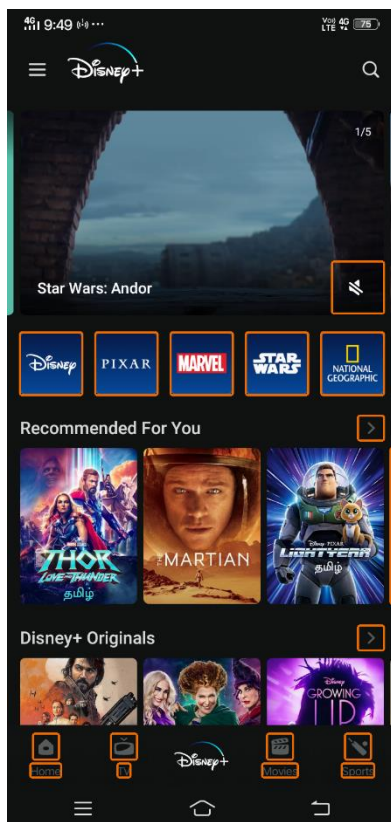
The item's text contrast ratio is 2.74. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #111313. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text.

Text contrast

in.startv.hotstar:id/smallLabel

The item's text contrast ratio is 2.74. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #111313. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text.

8.



The following is a list of opportunities to improve the accessibility of Hotstar. Each item corresponds to an outlined area on the attached screenshot.

Item label

in.startv.hotstar:id/button_unmute

This item may not have a label readable by screen readers.

Item label

in.startv.hotstar:id/cl_parent_container

This item may not have a label readable by screen readers.

Item label

in.startv.hotstar:id/cl_parent_container

This item may not have a label readable by screen readers.

Item label

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Item label

in.startv.hotstar:id/cl_parent_container

This item may not have a label readable by screen readers.

Image contrast

in.startv.hotstar:id/more_iv

The image's contrast ratio is 2.76. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #101212. Consider increasing this ratio to 3.00 or greater.

Image contrast

in.startv.hotstar:id/image

The image's contrast ratio is 1.29. This ratio is based on an estimated foreground color of #242424 and an estimated background color of #080808. Consider increasing this ratio to 3.00 or greater. This item may be only partially visible within a scrollable container.

Image contrast

in.startv.hotstar:id/more_iv

The image's contrast ratio is 2.76. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #101212. Consider increasing this ratio to 3.00 or greater.

Image contrast

in.startv.hotstar:id/icon

The image's contrast ratio is 2.74. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #111313. Consider increasing this ratio to 3.00 or greater.

Image contrast

in.startv.hotstar:id/icon

The image's contrast ratio is 2.74. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #111313. Consider increasing this ratio to 3.00 or greater.

Image contrast

in.startv.hotstar:id/icon

The image's contrast ratio is 2.74. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #111313. Consider increasing this ratio to 3.00 or greater.

Image contrast

in.startv.hotstar:id/icon

The image's contrast ratio is 2.74. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #111313. Consider increasing this ratio to 3.00 or greater.

Text contrast

in.startv.hotstar:id/smallLabel

The item's text contrast ratio is 2.74. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #111313. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text.

Text contrast

in.startv.hotstar:id/smallLabel

The item's text contrast ratio is 2.74. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #111313. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text.

Text contrast

in.startv.hotstar:id/smallLabel

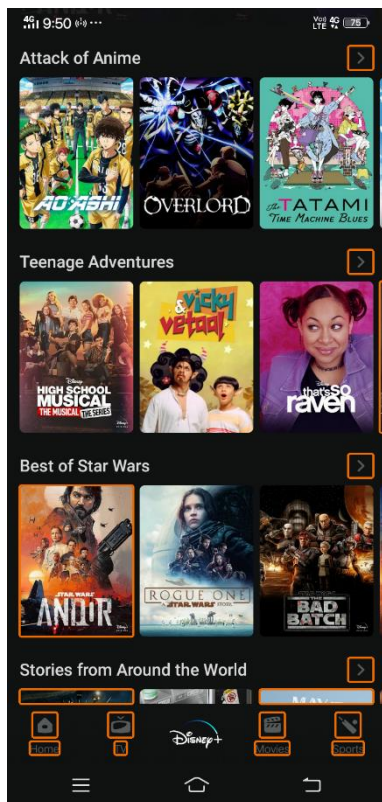
The item's text contrast ratio is 2.74. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #111313. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text.

Text contrast

in.startv.hotstar:id/smallLabel

The item's text contrast ratio is 2.74. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #111313. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text.

9.



The following is a list of opportunities to improve the accessibility of Hotstar. Each item corresponds to an outlined area on the attached screenshot.

Image contrast

in.startv.hotstar.id/more_iv

The image's contrast ratio is 2.76. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #101212. Consider increasing this ratio to 3.00 or greater.

Image contrast

in.startv.hotstar.id/more_iv

The image's contrast ratio is 2.76. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #101212. Consider increasing this ratio to 3.00 or greater.

Image contrast

`in.startv.hotstar:id/image`

The image's contrast ratio is 1.11. This ratio is based on an estimated foreground color of #424645 and an estimated background color of #3D3F3E. Consider increasing this ratio to 3.00 or greater. This item may be only partially visible within a scrollable container.

Image contrast

`in.startv.hotstar:id/more_iv`

The image's contrast ratio is 2.76. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #101212. Consider increasing this ratio to 3.00 or greater.

Image contrast

`in.startv.hotstar:id/image`

The image's contrast ratio is 1.62. This ratio is based on an estimated foreground color of #7D7572 and an estimated background color of #B19681. Consider increasing this ratio to 3.00 or greater. This item may be only partially visible within a scrollable container.

Image contrast

`in.startv.hotstar:id/more_iv`

The image's contrast ratio is 2.76. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #101212. Consider increasing this ratio to 3.00 or greater.

Image contrast

`in.startv.hotstar:id/image`

The image's contrast ratio is 2.12. This ratio is based on an estimated foreground color of #404D46 and an estimated background color of #101212. Consider increasing this ratio to 3.00 or greater. This item may be only partially visible within a scrollable container.

Image contrast

in.startv.hotstar:id/image

The image's contrast ratio is 1.40. This ratio is based on an estimated foreground color of #D5E0E6 and an estimated background color of #A2C1D6. Consider increasing this ratio to 3.00 or greater. This item may be only partially visible within a scrollable container.

Image contrast

in.startv.hotstar:id/icon

The image's contrast ratio is 2.74. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #111313. Consider increasing this ratio to 3.00 or greater.

Image contrast

in.startv.hotstar:id/icon

The image's contrast ratio is 2.74. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #111313. Consider increasing this ratio to 3.00 or greater.

Image contrast

in.startv.hotstar:id/icon

The image's contrast ratio is 2.74. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #111313. Consider increasing this ratio to 3.00 or greater.

Image contrast

in.startv.hotstar:id/icon

The image's contrast ratio is 2.74. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #111313. Consider increasing this ratio to 3.00 or greater.

Text contrast

in.startv.hotstar:id/smallLabel

The item's text contrast ratio is 2.74. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #111313. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text.

Text contrast

in.startv.hotstar:id/smallLabel

The item's text contrast ratio is 2.74. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #111313. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text.

Text contrast

in.startv.hotstar:id/smallLabel

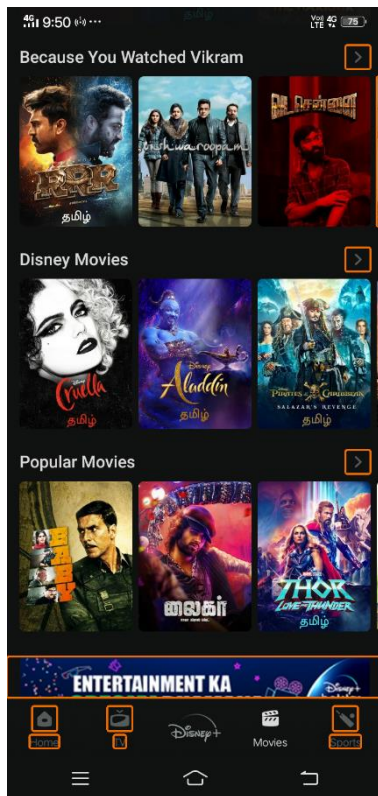
The item's text contrast ratio is 2.74. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #111313. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text.

Text contrast

in.startv.hotstar:id/smallLabel

The item's text contrast ratio is 2.74. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #111313. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text.

10.



The following is a list of opportunities to improve the accessibility of Hotstar. Each item corresponds to an outlined area on the attached screenshot.

Item label

in.startv.hotstar:id/skinny_parent

This item may not have a label readable by screen readers.

Image contrast

in.startv.hotstar:id/more_iv

The image's contrast ratio is 2.76. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #101212. Consider increasing this ratio to 3.00 or greater.

Image contrast

in.startv.hotstar:id/image

The image's contrast ratio is 2.32. This ratio is based on an estimated foreground color of #EFE3CC and an estimated background color of #A3957A. Consider increasing this ratio to 3.00 or greater. This item may be only partially visible within a scrollable container.

Image contrast

in.startv.hotstar:id/more_iv

The image's contrast ratio is 2.76. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #101212. Consider increasing this ratio to 3.00 or greater.

Image contrast

in.startv.hotstar:id/more_iv

The image's contrast ratio is 2.76. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #101212. Consider increasing this ratio to 3.00 or greater.

Image contrast

in.startv.hotstar:id/icon

The image's contrast ratio is 2.74. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #111313. Consider increasing this ratio to 3.00 or greater.

Image contrast

in.startv.hotstar:id/icon

The image's contrast ratio is 2.74. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #111313. Consider increasing this ratio to 3.00 or greater.

Image contrast

in.startv.hotstar:id/icon

The image's contrast ratio is 2.74. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #111313. Consider increasing this ratio to 3.00 or greater.

Text contrast

in.startv.hotstar:id/smallLabel

The item's text contrast ratio is 2.74. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #111313. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text.

Text contrast

in.startv.hotstar:id/smallLabel

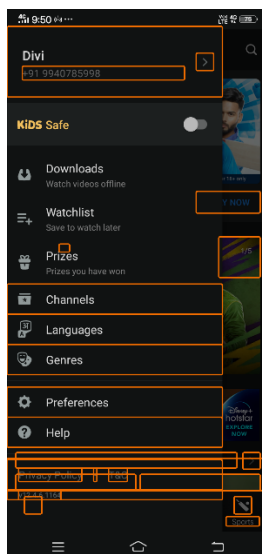
The item's text contrast ratio is 2.74. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #111313. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text.

Text contrast

in.startv.hotstar:id/smallLabel

The item's text contrast ratio is 2.74. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #111313. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text.

11.



The following is a list of opportunities to improve the accessibility of Hotstar. Each item corresponds to an outlined area on the attached screenshot.

Clickable items

in.startv.hotstar:id/container_drawer_header

This clickable item has the same on-screen location ([0,48][592,242]) as 1 other item(s) with those properties.

Image contrast

in.startv.hotstar:id/more_iv

The image's contrast ratio is 1.31. This ratio is based on an estimated foreground color of #222525 and an estimated background color of #060707. Consider increasing this ratio to 3.00 or greater.

Image contrast

in.startv.hotstar:id/tray_list_background

The image's contrast ratio is 2.76. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #101212. Consider increasing this ratio to 3.00 or greater. This item may be obscured by other on-screen content. Consider manually testing this item's contrast. This item may be only partially visible within a scrollable container.

Image contrast

in.startv.hotstar:id/image

The image's contrast ratio is 2.76. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #101212. Consider increasing this ratio to 3.00 or greater. This item may be obscured by other on-screen content. Consider manually testing this item's contrast. This item may be only partially visible within a scrollable container.

Image contrast

in.startv.hotstar:id/image

The image's contrast ratio is 1.25. This ratio is based on an estimated foreground color of #22291A and an estimated background color of #101212. Consider increasing this ratio to 3.00 or greater. This item may be obscured by other on-screen content. Consider manually testing this item's contrast. This item may be only partially visible within a scrollable container.

Image contrast

in.startv.hotstar:id/image

The image's contrast ratio is 1.05. This ratio is based on an estimated foreground color of #151618 and an estimated background color of #0E100F. Consider increasing this ratio to 3.00 or greater. This item may be obscured by other on-screen content. Consider manually testing this item's contrast. This item may be only partially visible within a scrollable container.

Image contrast

in.startv.hotstar:id/icon

The image's contrast ratio is 2.76. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #101212. Consider increasing this ratio to 3.00 or greater. This item may be obscured by other on-screen content. Consider manually testing this item's contrast.

Image contrast

in.startv.hotstar:id/icon

The image's contrast ratio is 2.77. This ratio is based on an estimated foreground color of #575757 and an estimated background color of #070808. Consider increasing this ratio to 3.00 or greater.

Image contrast

in.startv.hotstar:id/ic_chevron

The image's contrast ratio is 2.76. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #101212. Consider increasing this ratio to 3.00 or greater.

Text contrast

in.startv.hotstar:id/button_cta

The item's text contrast ratio is 1.46. This ratio is based on an estimated foreground color of #0C335A and an estimated background color of #101212. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text. This item may be obscured by other on-screen content. Consider manually testing this item's contrast.

Text contrast

in.startv.hotstar:id/concurrency

The item's text contrast ratio is 2.67. This ratio is based on an estimated foreground color of #575959 and an estimated background color of #101212. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text. This item may be obscured by other on-screen content. Consider manually testing this item's contrast.

Text contrast

in.startv.hotstar:id/count

The item's text contrast ratio is 3.22. This ratio is based on an estimated foreground color of #1A0C2D and an estimated background color of #666666. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text. This item may be obscured by other on-screen content. Consider manually testing this item's contrast. This item may be only partially visible within a scrollable container.

Text contrast

in.startv.hotstar:id/tv_title

The item's text contrast ratio is 1.13. This ratio is based on an estimated foreground color of #1C1F1F and an estimated background color of #101212. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text. This item may be obscured by other on-screen content. Consider manually testing this item's contrast.

Text contrast

in.startv.hotstar:id/largeLabel

The item's text contrast ratio is 2.77. This ratio is based on an estimated foreground color of #575757 and an estimated background color of #070808. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text.

Text contrast

[42,157][488,195]

The item's text contrast ratio is 2.94. This ratio is based on an estimated foreground color of #5F5F5F and an estimated background color of #101212. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text.

Text contrast

in.startv.hotstar:id/privacy_btn

The item's text contrast ratio is 2.76. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #101212. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text.

Text contrast

[238,1261][247,1299]

The item's text contrast ratio is 2.76. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #101212. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text.

Text contrast

in.startv.hotstar:id/terms_of_use_btn

The item's text contrast ratio is 2.76. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #101212. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text.

Text contrast

in.startv.hotstar:id/version

The item's text contrast ratio is 2.76. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #101212. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text.

Touch target

in.startv.hotstar:id/button_cta

This item's height is 30dp. Consider making the height of this touch target 48dp or larger. A parent container may be handling touch events for this item. If selecting the larger container performs the same action as selecting this item, consider defining this item as not clickable. If a different action is performed, consider increasing the size of this item.

Touch target

[0,756][592,839]

This item's height is 42dp. Consider making the height of this touch target 48dp or larger. A parent container may be handling touch events for this item. If selecting the larger container performs the same action as selecting this item, consider defining this item as not clickable. If a different action is performed, consider increasing the size of this item.

Touch target

[0,839][592,922]

This item's height is 42dp. Consider making the height of this touch target 48dp or larger. A parent container may be handling touch events for this item. If selecting the larger container performs the same action as selecting this item, consider defining this item as not clickable. If a different action is performed, consider increasing the size of this item.

Touch target

[0,922][592,1005]

This item's height is 42dp. Consider making the height of this touch target 48dp or larger. A parent container may be handling touch events for this item. If selecting the larger container performs the same action as selecting this item, consider defining this item as not clickable. If a different action is performed, consider increasing the size of this item.

Touch target

[0,1039][592,1122]

This item's height is 42dp. Consider making the height of this touch target 48dp or larger. A parent container may be handling touch events for this item. If selecting the larger container performs the same action as selecting this item, consider defining this item as not clickable. If a different action is performed, consider increasing the size of this item.

Touch target

[0,1122][592,1205]

This item's height is 42dp. Consider making the height of this touch target 48dp or larger. A parent container may be handling touch events for this item. If selecting the larger container performs the same action as selecting this item, consider defining this item as not clickable. If a different action is performed, consider increasing the size of this item.

Touch target

[0,1239][592,1321]

This item's height is 41dp. Consider making the height of this touch target 48dp or larger. A parent container may be handling touch events for this item. If selecting the larger container performs the same action as selecting this item, consider defining this item as not clickable. If a different action is performed, consider increasing the size of this item.

Touch target

in.startv.hotstar:id/privacy_btn

This item's height is 19dp. Consider making the height of this touch target 48dp or larger. A parent container may be handling touch events for this item. If selecting the larger container performs the same

action as selecting this item, consider defining this item as not clickable. If a different action is performed, consider increasing the size of this item.

Touch target

in.startv.hotstar:id/terms_of_use_btn

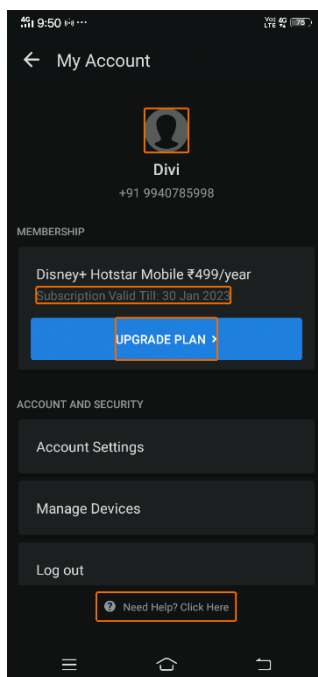
This item's size is 26dp x 19dp. Consider making this touch target 48dp wide and 48dp high or larger. A parent container may be handling touch events for this item. If selecting the larger container performs the same action as selecting this item, consider defining this item as not clickable. If a different action is performed, consider increasing the size of this item.

Touch target

[0,1321][592,1349]

This item's height is 14dp. Consider making the height of this touch target 48dp or larger. A parent container may be handling touch events for this item. If selecting the larger container performs the same action as selecting this item, consider defining this item as not clickable. If a different action is performed, consider increasing the size of this item.

12.



The following is a list of opportunities to improve the accessibility of Hotstar. Each item corresponds to an outlined area on the attached screenshot.

Touch target

in.startv.hotstar:id/need_help

This item's height is 33dp. Consider making the height of this touch target 48dp or larger.

Image contrast

in.startv.hotstar:id/user_pic

The image's contrast ratio is 2.76. This ratio is based on an estimated foreground color of #101212 and an estimated background color of #565C5C. Consider increasing this ratio to 3.00 or greater.

Text contrast

in.startv.hotstar:id/tv_next_billing_date

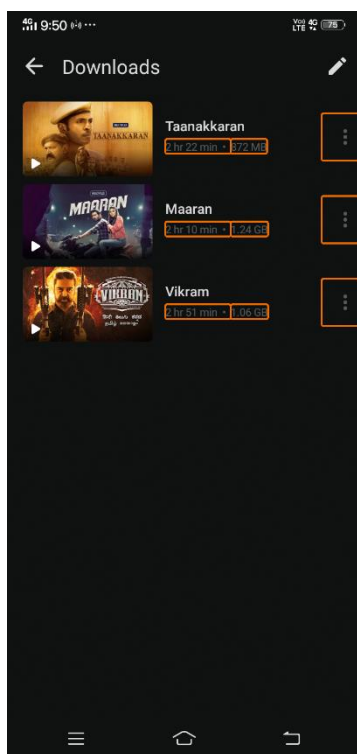
The item's text contrast ratio is 2.92. This ratio is based on an estimated foreground color of #616868 and an estimated background color of #1C1F1F. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text.

Text contrast

[245,695][475,791]

The item's text contrast ratio is 4.02. This ratio is based on an estimated foreground color of #FFFFFF and an estimated background color of #1F80E0. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text.

13.



The following is a list of opportunities to improve the accessibility of Hotstar. Each item corresponds to an outlined area on the attached screenshot.

Item label

in.startv.hotstar:id/options

This item may not have a label readable by screen readers.

Item label

in.startv.hotstar:id/options

This item may not have a label readable by screen readers.

Item label

in.startv.hotstar:id/options

This item may not have a label readable by screen readers.

Image contrast

in.startv.hotstar:id/options

The image's contrast ratio is 2.76. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #101212. Consider increasing this ratio to 3.00 or greater.

Image contrast

in.startv.hotstar:id/options

The image's contrast ratio is 2.76. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #101212. Consider increasing this ratio to 3.00 or greater.

Image contrast

in.startv.hotstar:id/options

The image's contrast ratio is 2.76. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #101212. Consider increasing this ratio to 3.00 or greater.

Text contrast

in.startv.hotstar:id/duration

The item's text contrast ratio is 2.76. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #101212. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text.

Text contrast

in.startv.hotstar:id/size_info

The item's text contrast ratio is 2.76. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #101212. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text.

Text contrast

in.startv.hotstar:id/duration

The item's text contrast ratio is 2.76. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #101212. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text.

Text contrast

in.startv.hotstar:id/size_info

The item's text contrast ratio is 2.76. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #101212. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text.

Text contrast

in.startv.hotstar:id/duration

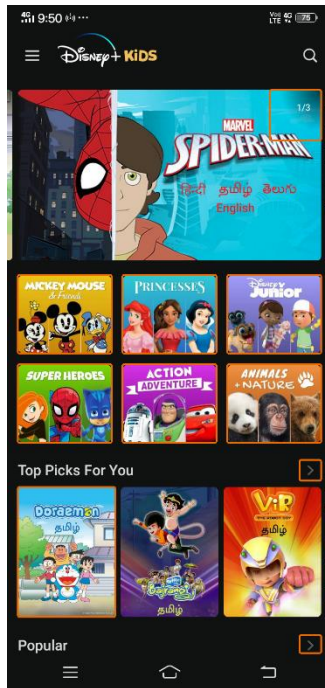
The item's text contrast ratio is 2.76. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #101212. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text.

Text contrast

in.startv.hotstar:id/size_info

The item's text contrast ratio is 2.76. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #101212. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text.

14.



The following is a list of opportunities to improve the accessibility of Hotstar. Each item corresponds to an outlined area on the attached screenshot.

Item label

in.startv.hotstar:id/cl_parent_container

This item may not have a label readable by screen readers.

Item label

in.startv.hotstar:id/cl_parent_container

This item may not have a label readable by screen readers.

Item label

in.startv.hotstar:id/cl_parent_container

This item may not have a label readable by screen readers.

Item label

in.startv.hotstar:id/cl_parent_container

This item may not have a label readable by screen readers.

Item label

in.startv.hotstar:id/cl_parent_container

This item may not have a label readable by screen readers.

Item label

in.startv.hotstar:id/cl_parent_container

This item may not have a label readable by screen readers.

Image contrast

in.startv.hotstar:id/iv_logo_character

The image's contrast ratio is 1.31. This ratio is based on an estimated foreground color of #8783DA and an estimated background color of #9D98F4. Consider increasing this ratio to 3.00 or greater.

Image contrast

in.startv.hotstar:id/more_iv

The image's contrast ratio is 2.76. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #101212. Consider increasing this ratio to 3.00 or greater.

Image contrast

in.startv.hotstar:id/image

The image's contrast ratio is 1.55. This ratio is based on an estimated foreground color of #D4DBE5 and an estimated background color of #30BEF0. Consider increasing this ratio to 3.00 or greater. This item may be only partially visible within a scrollable container.

Image contrast

in.startv.hotstar:id/more_iv

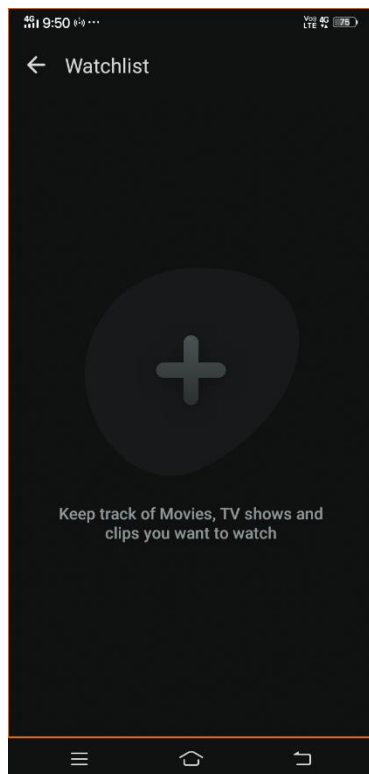
The image's contrast ratio is 2.76. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #101212. Consider increasing this ratio to 3.00 or greater. This item may be only partially visible within a scrollable container.

Text contrast

in.startv.hotstar:id/count

The item's text contrast ratio is 4.47. This ratio is based on an estimated foreground color of #008398 and an estimated background color of #FFFFFF. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text. This item may be only partially visible within a scrollable container.

15.



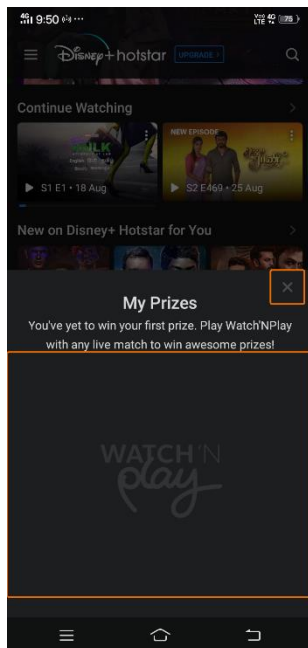
The following is a list of opportunities to improve the accessibility of Hotstar. Each item corresponds to an outlined area on the attached screenshot.

Item label

in.startv.hotstar:id/watchlist

This item may not have a label readable by screen readers.

16.



The following is a list of opportunities to improve the accessibility of Hotstar. Each item corresponds to an outlined area on the attached screenshot.

Item label

in.startv.hotstar:id/close

This item may not have a label readable by screen readers.

Touch target

in.startv.hotstar:id/close

This item's size is 40dp x 40dp. Consider making this touch target 48dp wide and 48dp high or larger.

Image contrast

in.startv.hotstar:id/close

The image's contrast ratio is 1.91. This ratio is based on an estimated foreground color of #494C4C and an estimated background color of #1C1F1F. Consider increasing this ratio to 3.00 or greater.

Image contrast

in.startv.hotstar:id/no_prize_image

The image's contrast ratio is 1.32. This ratio is based on an estimated foreground color of #313434 and an estimated background color of #1C1F1F. Consider increasing this ratio to 3.00 or greater.

17.



The following is a list of opportunities to improve the accessibility of Hotstar. Each item corresponds to an outlined area on the attached screenshot.

Image contrast

[24,984][354,1170]

The image's contrast ratio is 2.58. This ratio is based on an estimated foreground color of #D00D11 and an estimated background color of #272741. Consider increasing this ratio to 3.00 or greater.

Image contrast

in.startv.hotstar:id/image

The image's contrast ratio is 2.58. This ratio is based on an estimated foreground color of #D00D11 and an estimated background color of #272741. Consider increasing this ratio to 3.00 or greater. This item may be obscured by other on-screen content. Consider manually testing this item's contrast.

Image contrast

[366,1380][696,1436]

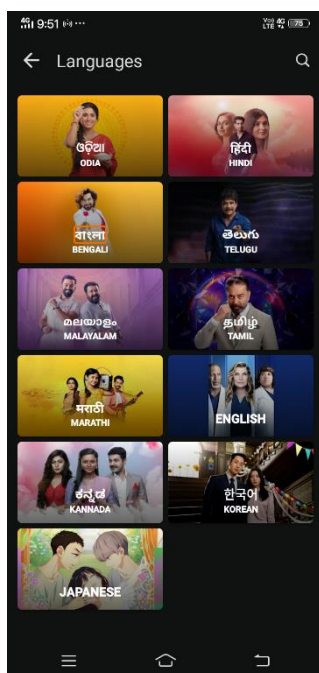
The image's contrast ratio is 2.67. This ratio is based on an estimated foreground color of #646462 and an estimated background color of #2C1E2B. Consider increasing this ratio to 3.00 or greater. This item may be only partially visible within a scrollable container.

Image contrast

in.startv.hotstar:id/image

The image's contrast ratio is 2.67. This ratio is based on an estimated foreground color of #646462 and an estimated background color of #2C1E2B. Consider increasing this ratio to 3.00 or greater. This item may be obscured by other on-screen content. Consider manually testing this item's contrast. This item may be only partially visible within a scrollable container.

18.



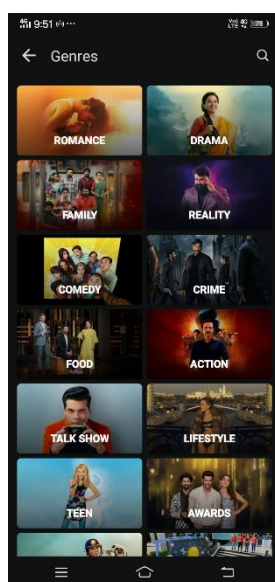
The following is a list of opportunities to improve the accessibility of Hotstar. Each item corresponds to an outlined area on the attached screenshot.

Text contrast

in.startv.hotstar:id/title

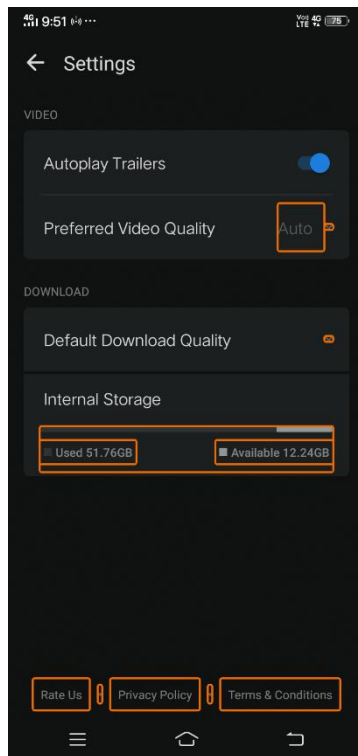
The item's text contrast ratio is 4.37. This ratio is based on an estimated foreground color of #86775A and an estimated background color of #FFFFFF. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text.

19.



No suggestions

20.



The following is a list of opportunities to improve the accessibility of Hotstar. Each item corresponds to an outlined area on the attached screenshot.

Touch target

`in.startv.hotstar:id/progress_bar`

This item's height is 47dp. Consider making the height of this touch target 48dp or larger.

Touch target

`in.startv.hotstar:id/rate_us`

This item's height is 33dp. Consider making the height of this touch target 48dp or larger.

Touch target

`in.startv.hotstar:id/privacy_btn`

This item's height is 33dp. Consider making the height of this touch target 48dp or larger.

Touch target

in.startv.hotstar:id/terms_of_use_btn

This item's height is 33dp. Consider making the height of this touch target 48dp or larger.

Image contrast

in.startv.hotstar:id/videoChevron

The image's contrast ratio is 2.44. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #1B1F20. Consider increasing this ratio to 3.00 or greater.

Image contrast

in.startv.hotstar:id/chevron

The image's contrast ratio is 2.44. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #1B1F20. Consider increasing this ratio to 3.00 or greater.

Text contrast

in.startv.hotstar:id/streamQuality

The item's text contrast ratio is 2.44. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #1B1F20. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text.

Text contrast

in.startv.hotstar:id/usedLabel

The item's text contrast ratio is 4.37. This ratio is based on an estimated foreground color of #828383 and an estimated background color of #1B1F20. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text.

Text contrast

in.startv.hotstar:id/availableLabel

The item's text contrast ratio is 4.37. This ratio is based on an estimated foreground color of #828383 and an estimated background color of #1B1F20. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text.

Text contrast

[181,1368][190,1406]

The item's text contrast ratio is 2.76. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #101212. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text.

Text contrast

[403,1368][412,1406]

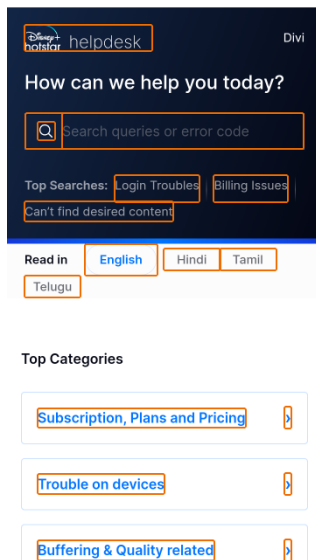
The item's text contrast ratio is 2.76. This ratio is based on an estimated foreground color of #565C5C and an estimated background color of #101212. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text.

Item descriptions

[181,1368][190,1406]

This non-clickable item's speakable text: "•" is identical to that of 1 other item(s).

21.



The following is a list of opportunities to improve the accessibility of Hotstar. Each item corresponds to an outlined area on the attached screenshot.

Text contrast

[178,710][344,782]

The item's text contrast ratio is 4.10. This ratio is based on an estimated foreground color of #0075FF and an estimated background color of #FCFCFC. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text.

Text contrast

[70,1086][546,1130]

The item's text contrast ratio is 4.21. This ratio is based on an estimated foreground color of #0075FF and an estimated background color of #FFFFFF. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text.

Text contrast

[634,1082][650,1132]

The item's text contrast ratio is 4.21. This ratio is based on an estimated foreground color of #0075FF and an estimated background color of #FFFFFF. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text.

Text contrast

[70,1236][360,1282]

The item's text contrast ratio is 4.21. This ratio is based on an estimated foreground color of #0075FF and an estimated background color of #FFFFFF. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text.

Text contrast

[634,1234][650,1284]

The item's text contrast ratio is 4.21. This ratio is based on an estimated foreground color of #0075FF and an estimated background color of #FFFFFF. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text.

Text contrast

[70,1388][474,1434]

The item's text contrast ratio is 4.21. This ratio is based on an estimated foreground color of #0075FF and an estimated background color of #FFFFFF. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text.

Text contrast

[634,1386][650,1436]

The item's text contrast ratio is 4.21. This ratio is based on an estimated foreground color of #0075FF and an estimated background color of #FFFFFF. Consider using colors that result in a contrast ratio greater than 4.50 for small text, or 3.00 for large text. This item may be only partially visible within a scrollable container.

Touch target

[40,208][332,268]

This item's height is 30dp. Consider making the height of this touch target 48dp or larger. This item originates from web content, and additional verification of touch target size is recommended.

Touch target

[42,410][678,492]

This item's height is 41dp. Consider making the height of this touch target 48dp or larger. This item originates from web content, and additional verification of touch target size is recommended.

Touch target

[70,430][110,472]

This item's size is 20dp x 21dp. Consider making this touch target 48dp wide and 48dp high or larger. This item originates from web content, and additional verification of touch target size is recommended.

Touch target

search-textfield

This item's height is 41dp. Consider making the height of this touch target 48dp or larger. This item originates from web content, and additional verification of touch target size is recommended.

Touch target

[246,552][440,614]

This item's height is 31dp. Consider making the height of this touch target 48dp or larger. This item originates from web content, and additional verification of touch target size is recommended.

Touch target

[472,552][642,614]

This item's height is 31dp. Consider making the height of this touch target 48dp or larger. This item originates from web content, and additional verification of touch target size is recommended.

Touch target

[40,612][380,658]

This item's height is 23dp. Consider making the height of this touch target 48dp or larger. This item originates from web content, and additional verification of touch target size is recommended.

Touch target

[178,710][344,782]

This item's height is 36dp. Consider making the height of this touch target 48dp or larger. This item originates from web content, and additional verification of touch target size is recommended.

Touch target

[358,720][488,770]

This item's height is 25dp. Consider making the height of this touch target 48dp or larger. This item originates from web content, and additional verification of touch target size is recommended.

Touch target

[486,720][616,770]

This item's height is 25dp. Consider making the height of this touch target 48dp or larger. This item originates from web content, and additional verification of touch target size is recommended.

Touch target

[40,782][168,832]

This item's height is 25dp. Consider making the height of this touch target 48dp or larger. This item originates from web content, and additional verification of touch target size is recommended.

Inferences of Accessibility Scanner App:

- Accessibility Scanner doesn't use volume settings. when it captures an image, it uses volume 100% no matter what the actual device volume is set at. It's really loud.
- No Multiple sharing app is shown
- Cannot find the share button to send a complete report of the app which is recorded. If click on an individual page then the share option is there, but if try to share by category or screen recording, then cannot find a share button for the whole report
- Older version was working Good (VIVO Y95 – Android 8.1) but new android update (VIVO V 25 – Android 12) nothing works and the app colors are white and couldn't see/read most of the screen.
- Screen Record mode did not initiate at all. Snapshot works but after snap is clicked it keep on generating reports so unwanted snapshot are clicked so it is difficult to identify the correct recordings what needed

Inferences of Hotstar Application using Accessibility Scanner App:

➤ Text Contrast: 62 Times

- Color contrast is the difference in brightness between foreground and background colors.
- For accessibility purposes, aim for a 4.5:1 ratio between the foreground color (**E.g.**, text, links, etc.) and the background color.
- This ratio ensures people with moderately low vision can tell the colors apart and see the content

➤ Image Contrast: 90 Times

- Image contrast is the difference in luminance or colour that makes an object (or its representation in an image or display) distinguishable.

➤ Item Description: 4 Times

- An accessible description **provides additional information, related to an interface element, that complements the accessible name.**
- The accessible description might or might not be visually perceivable.
- **E.g.**, Accessible Name: The accessible name is the name of a user interface element

➤ Item Label: 25 Times

- Labels **to identify all form controls, including text fields, checkboxes, radio buttons, and drop-down menus.**
- In most cases, this is done by using the <label> element.
- Labels: The Label need to describe the purpose of the form control.

➤ **Touch Target: 32 Times**

- Touch targets are the parts of the screen that respond to user input.
- They extend beyond the visual bounds of an element.
- The W3C recommends a minimum target size of **44 x 44 px** to ensure that users are able to activate them
- **For example**, a button may appear to be 48 x 36 px, but the padding surrounding it comprises the full 48 x 48 px touch target.

➤ **Image Ratio:**

- Image Ratio requires **at least 3:1 for graphics and user interface components** (such as form input borders).
- AAA requires a contrast ratio of at least 7:1 for normal text and 4.5:1 for large text.

➤ **Clickable Item: 1 Times**

- **While screen readers can read a full page to a user, screen reader users may prefer to instead listen to a list of links.**
- In that case, a screen reader may only read the link text and not the surrounding text. Speech recognition software allows a user to avoid using a mouse.
- For Example: Use buttons to signal clickable actions, such as “download,” “sign up,” or “log out.”