







Taming Frankenstein's Monster

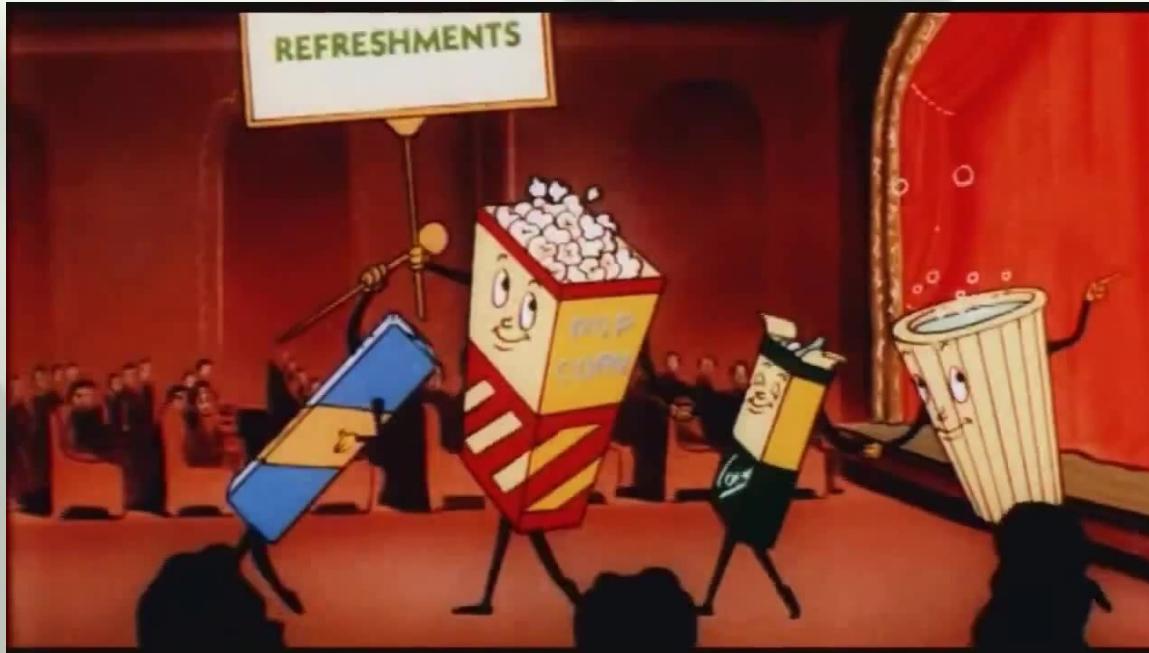


It me





Let's all go to the website...



and check out our new app!

Contrast Tho



Upward trend in vision issues

(aka all ya'll staring at your computers)



Prevalence of lower end monitors and computers



High likelihood that you will project your screen in a client presentation

Contrast Tho

Accessible color palette builder



[Edit palette](#)

Accessible color combinations

	White text #FFFFFF Aa	Light grey text #E9E9E9 Aa	Light green text #B0E272 Aa	Dark green text #313F1F Aa	Dark grey text #666666 Aa	Black text #000000 Aa
Black background #000000	Aa	Aa	Aa			
Dark grey background #666666	Aa	Aa				
Dark green background #313F1F	Aa	Aa	Aa			
Light green background #B0E272				Aa		Aa
Light grey background #E9E9E9				Aa	Aa	Aa
White background #FFFFFF				Aa	Aa	Aa

You can learn more about this project on [GitHub](#).

Contrast Tho

Ghouls and Goblins!!

localhost:3000/#/home

HALL OF FAME

Vote for your favorites!

Sign In to Vote

Vote for your favorite ghouls and goblins to be inducted into our Hall of Fame! You can select up to 3 Nominees per user.

Frankenstein's Monster

Bride of Frankenstein

Charles Lee Ray

Freddy Krueger

The Thing

Pennywise

Dracula

Creature from the Black Lagoon

Wolfman

The Blob

Contrast Tho

Ghouls and Goblins!!! +
localhost:3000/#/contrast

HALL OF FAME

Vote for your favorites!

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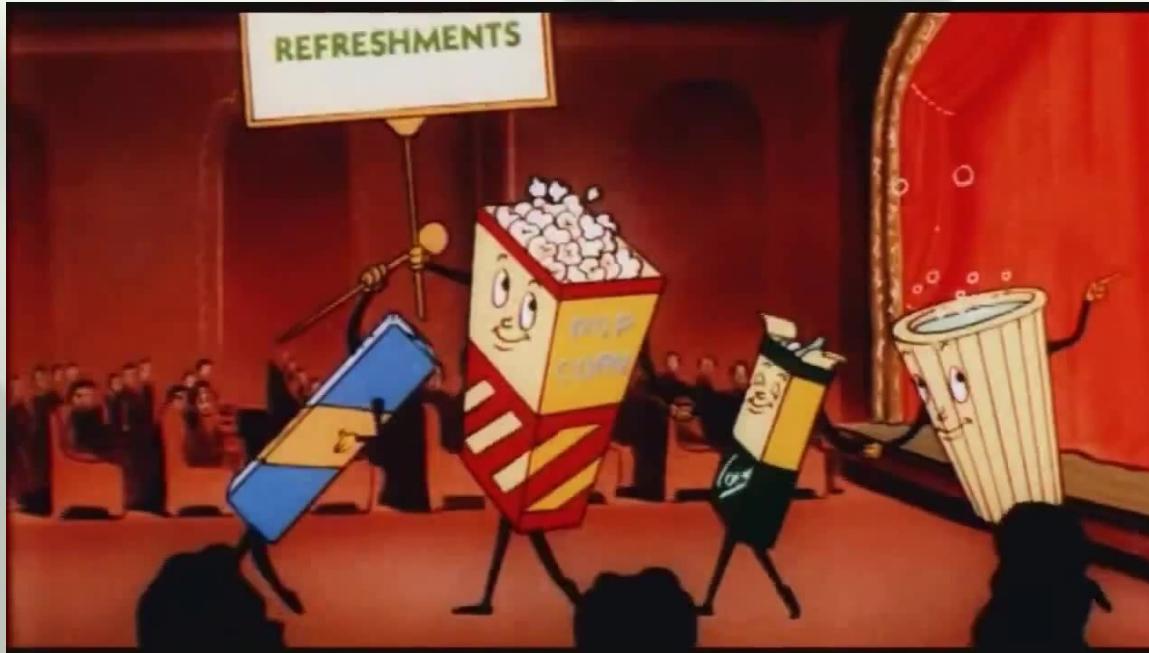
Dracula

Creature from the Black Lagoon

Wolfman

The Blob

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Keyboards Tho



Instances of manual dexterity issues

- Temporary (e.g., dominant hand injury)
- Chronic (e.g., Multiple sclerosis, arthritis)



Navigating the web with a screen reader



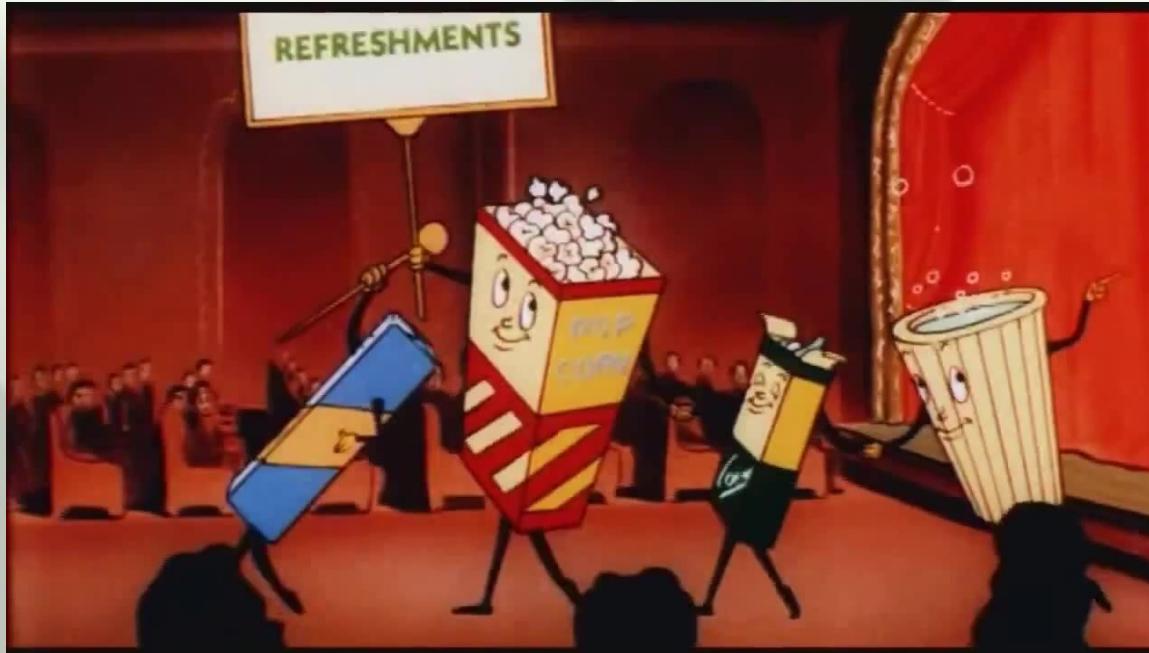
Efficiency (e.g., those who are well-versed in keyboard shortcuts)

Keyboards Tho

```
<div class="my-button" onClick="someFunction()>  
    <!-- your button content -->  
    <span class="my-text">Sign In to Vote</span>  
</div>
```

```
<button type="button" class="my-button" onClick="someFunction()>  
    <!-- your button content -->  
    <span class="my-text">Sign In to Vote</span>  
</button>
```

Let's all go to the website...



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Modals Tho

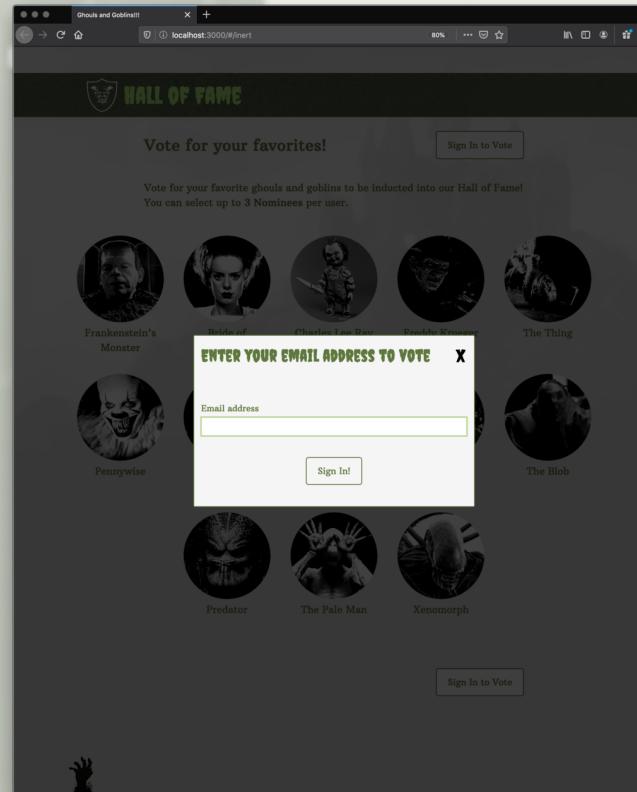
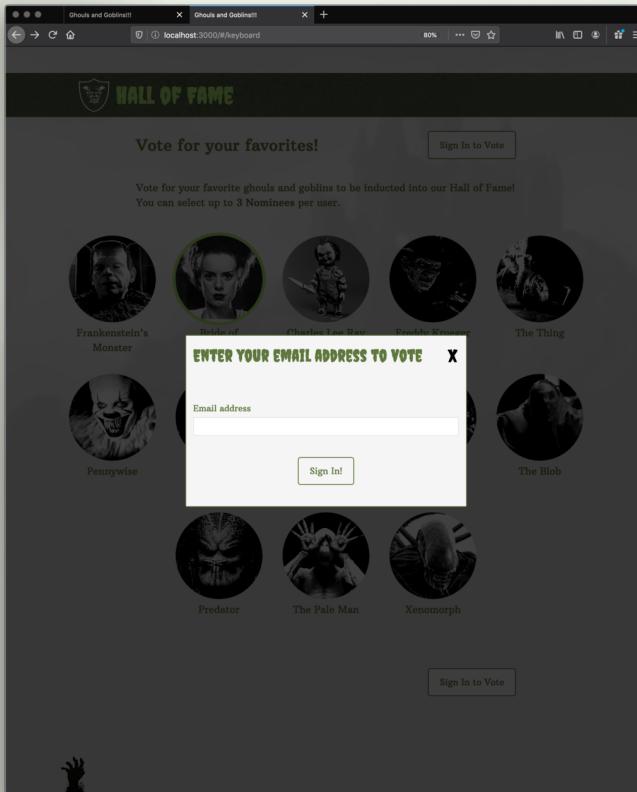
```
<Helmet defer={false}>
  <script src="/inert-polyfill.min.js" />
</Helmet>
```

```
export const setInertness = (element, inertValue) => {
  if (!element) {
    return null;
  }

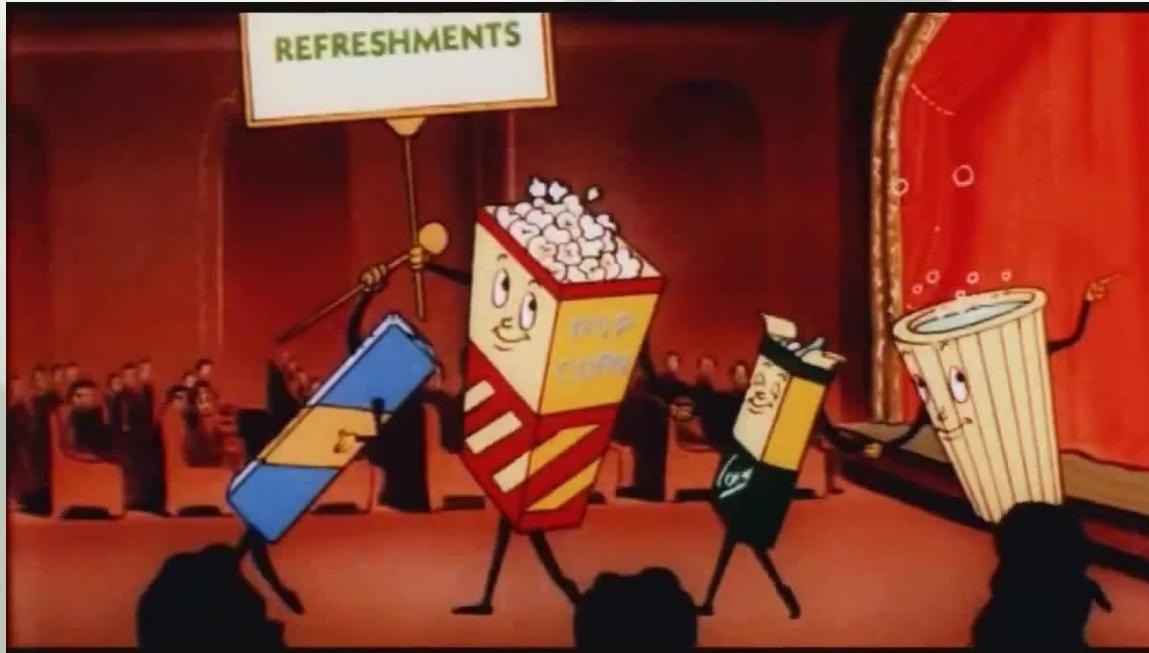
  if (inertValue) {
    return element.setAttribute('inert', '');
  }

  return element.removeAttribute('inert');
}
```

Modals Tho



Let's all go to the website...



and check out our new app!

Dark Mode Tho



Sensitivity to light, aka photophobia



Effects of light on your circadian rhythm



Preference

Dark Mode Tho

```
1 @media screen and (prefers-color-scheme: dark) {  
2     // Your dark mode styles go here  
3 }
```

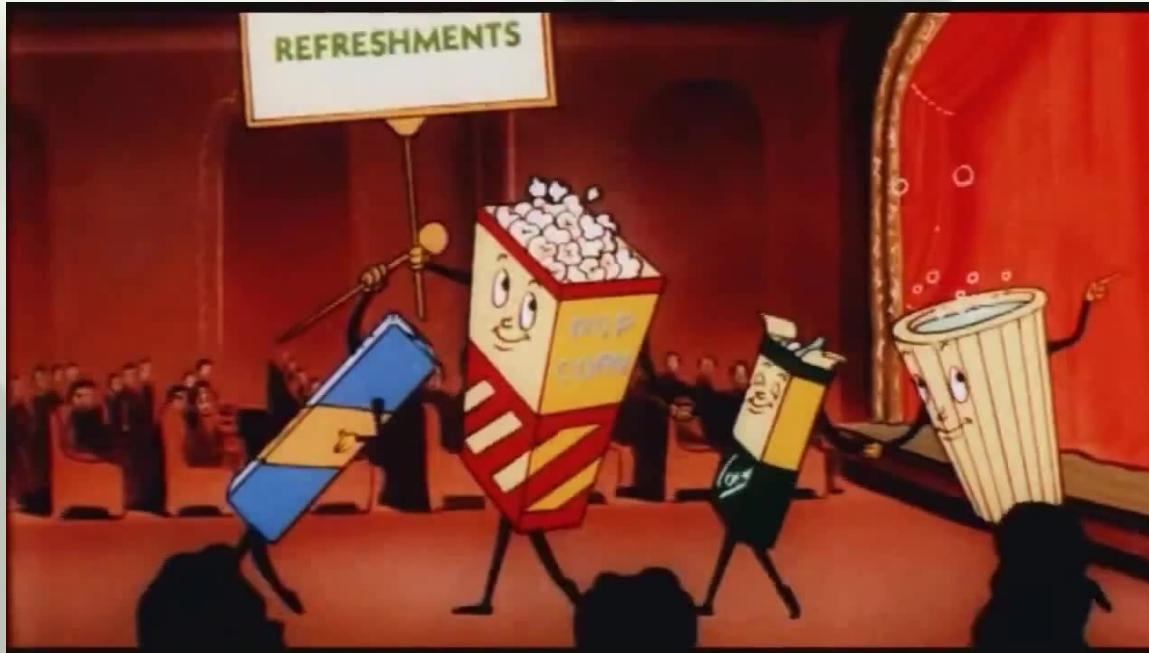
Dark Mode Tho

```
1 @media screen and (prefers-color-scheme: dark) {  
2     :root {  
3         --bodyBg: #1D2512;  
4         --bodyText: #E9E9E9;  
5         --linkColor: #B0E272;  
6         --linkFocus: #FFFFFF;  
7  
8         --focusColor: #B0E272;  
9         --focusOutline: #B0E272;  
10        --headerOutline: #B0E272;  
11        --footerOutline: #B0E272;  
12  
13        --headerBG: rgba(0, 0, 0, 0.25);  
14        --headerText: #B0E272;  
15        --headerLink: #B0E272;  
16  
17        // and so on...  
18    }  
19 }
```

Dark Mode Tho



Let's all go to the website...



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More Contrast Tho



Blindness cases in U.S. expected to double by 2050



Prevalence of low vision
(e.g., Macular Degeneration)



Again, preference

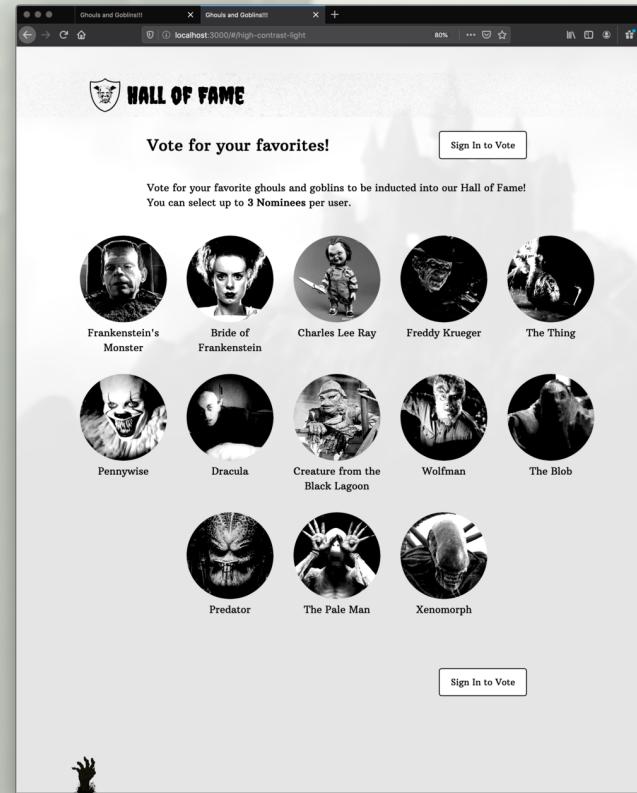
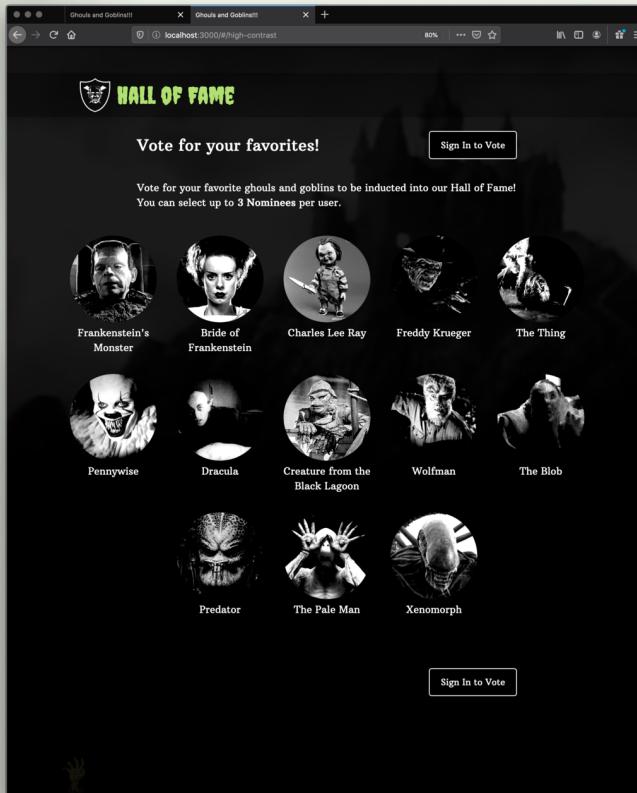
More Contrast Tho

```
1 @media (prefers-contrast: high) {  
2     :root {  
3         // Black on White  
4     }  
5 }  
6  
7 @media (-ms-high-contrast: black-on-white) {  
8     :root {  
9         // Black on White  
10    }  
11 }  
12  
13 @media (prefers-contrast: high) and (prefers-color-scheme: dark) {  
14     :root {  
15         // White on Black  
16     }  
17 }  
18  
19 @media (-ms-high-contrast: white-on-black) {  
20     :root {  
21         // White on Black  
22     }  
23 }
```

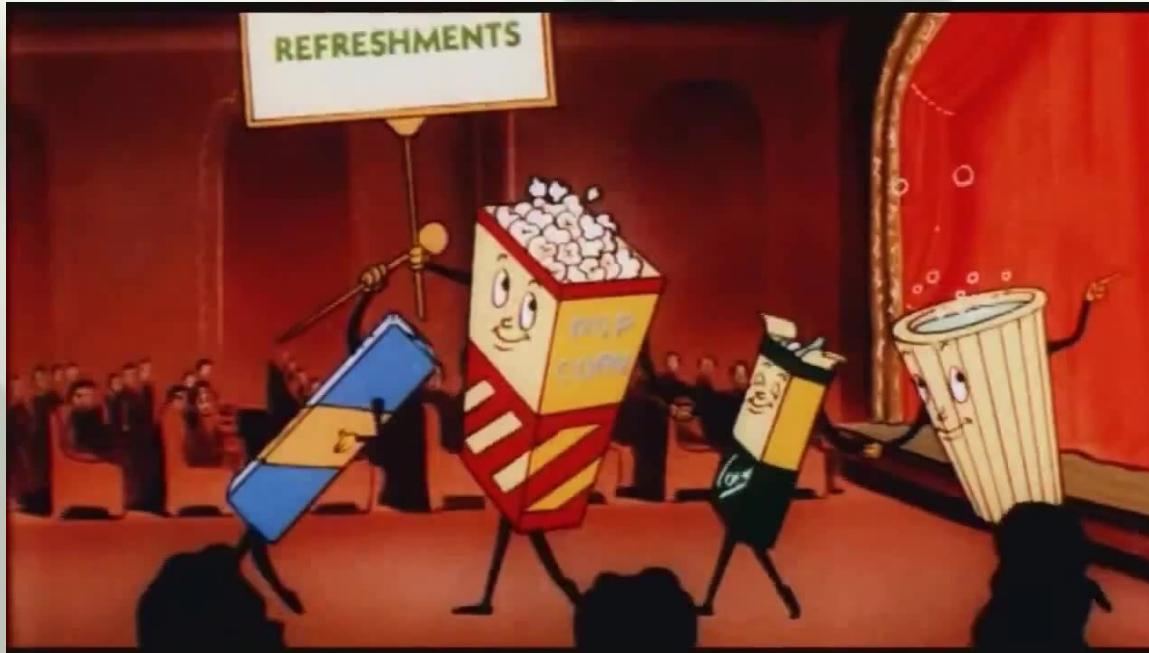
More Contrast Tho

```
1 @media (prefers-contrast: high) and (prefers-color-scheme: dark) {  
2     :root {  
3         --bodyBg: #000000;  
4         --bodyText: #FFFFFF;  
5         --bodyFont: 'Arbutus Slab', serif;  
6         --linkColor: #B0E272;  
7         --linkFocus: #FFFFFF;  
8  
9         --focusColor: #B0E272;  
10        --focusOutline: #B0E272;  
11        --headerOutline: #B0E272;  
12        --footerOutline: #B0E272;  
13  
14        --headerBG: rgba(0, 0, 0, 0.3);  
15        --headerText: #B0E272;  
16        --headerLink: #B0E272;  
17  
18        // and so on...  
19    }  
20 }
```

More Contrast Tho



Let's all go to the website...



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Animation Tho



Common neurological disorders

(e.g., epilepsy)



Common neurological disorders

(e.g., vertigo)

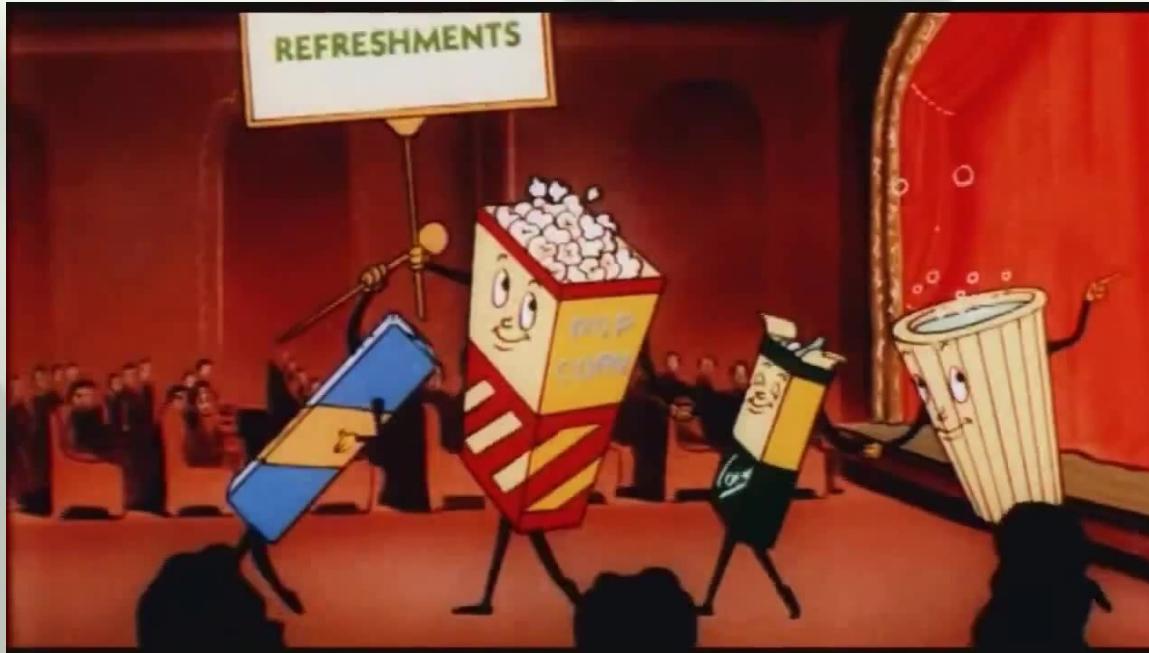


**Mild to severe headaches or dizzy
spells**

Animation Tho

```
1 @media (prefers-reduced-motion: reduce) {  
2     .my-animation {  
3         opacity: 1;  
4         transition: 0;  
5     }  
6     &.is-shown {  
7         transform: translate(0, 0);  
8     }  
9     &.is-hidden {  
10        transform: translate(0, 0);  
11        opacity: 1;  
12    }  
13 }  
14 }  
15 }
```

Let's all go to the website...



and check out our new app!

Preferences Tho



The desire to quickly update the look of the site to fit your needs at a particular moment in time

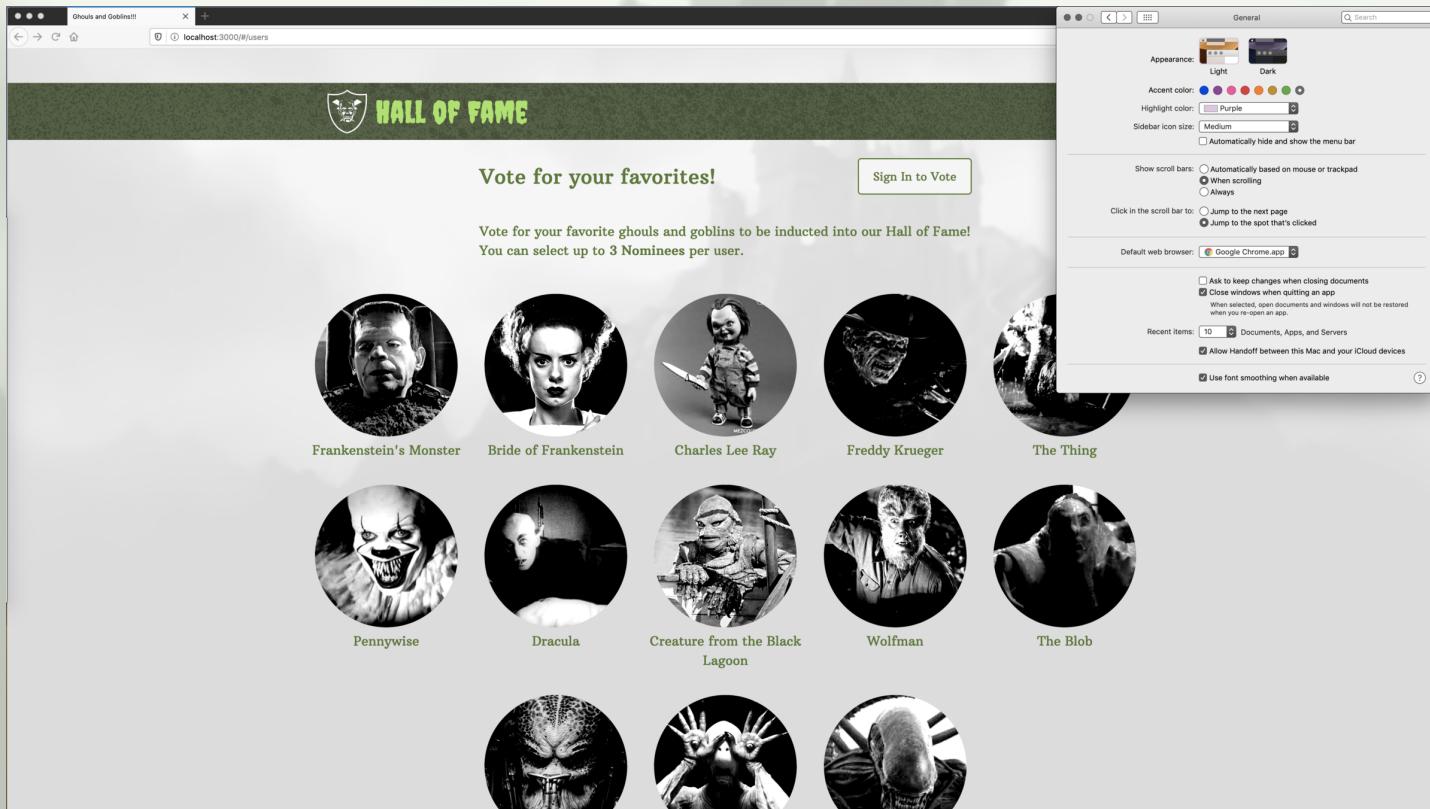
Preferences Tho

The image shows a split-screen view. On the left is a web browser window titled "Ghouls and Goblins" with the URL "localhost:3000/#/users". The page has a dark background and features a "WALL OF FAME" section with a shield logo. It includes a "Vote for your favorites!" button and a "Sign In to Vote" button. Below this, there's a message: "Vote for your favorite ghous and goblins to be inducted into our Hall of Fame! You can select up to 3 Nominees per user." A grid of circular profile pictures and names lists ten nominees:

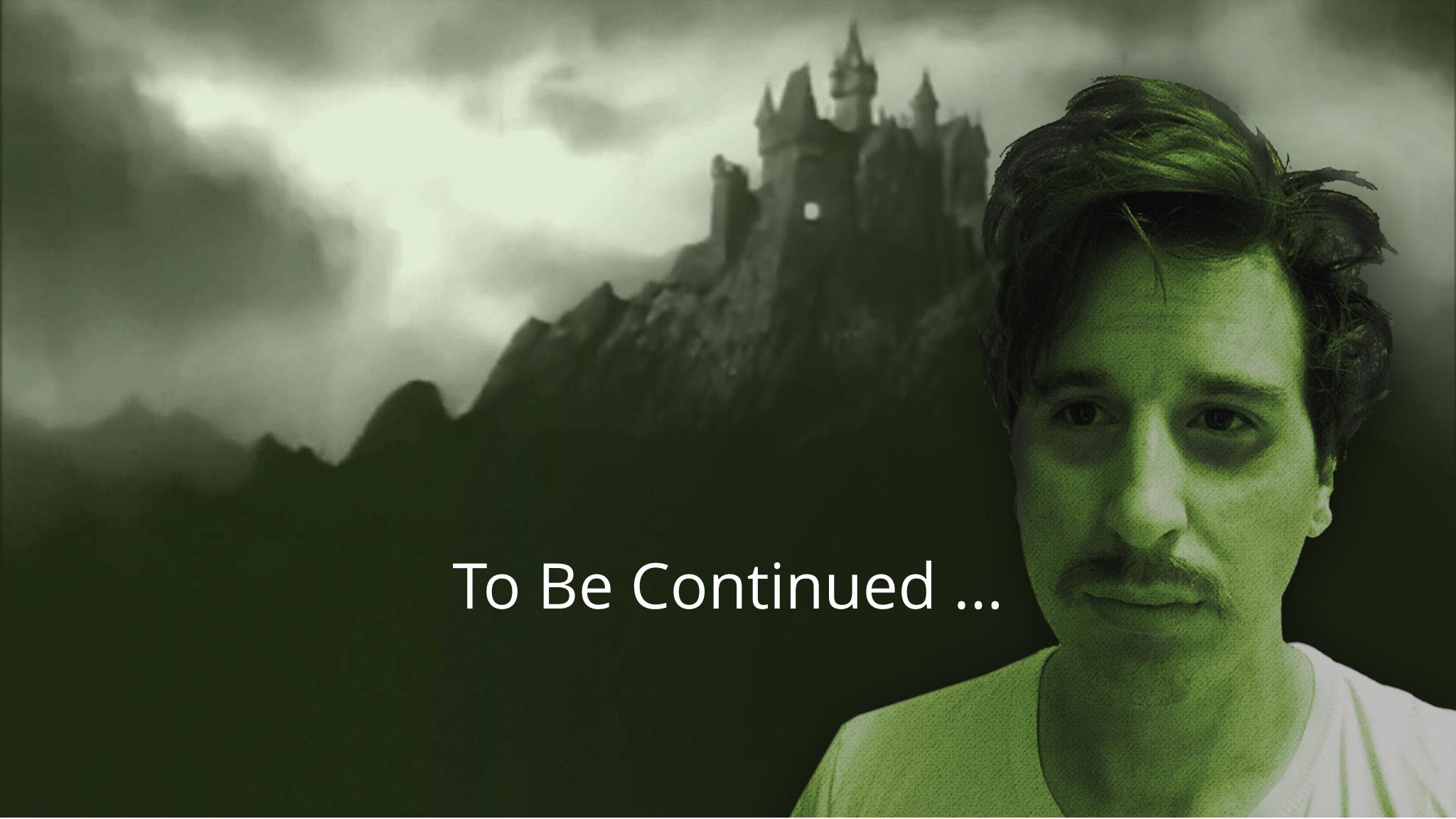
- Frankenstein's Monster
- Bride of Frankenstein
- Charles Lee Ray
- Freddy Krueger
- The Thing
- Pennywise
- Dracula
- Creature from the Black Lagoon
- Wolfman
- The Blob

On the right side of the image is a Mac OS X "General" preferences pane. It shows settings for appearance (Light or Dark), accent colors, highlight colors, sidebar icon size (Medium), and scroll bar behavior (Automatically based on mouse or trackpad, When scrolling, Always). It also includes options for default web browser (Google Chrome.app), font smoothing, and various system behaviors like Handoff and font smoothing.

Preferences Theory





A dark, atmospheric scene. In the foreground, a man with dark hair and a mustache looks directly at the viewer. He is wearing a light-colored t-shirt. In the background, a large, medieval-style castle with multiple towers and spires sits atop a rocky cliff. The sky is filled with heavy, dark clouds, creating a somber and mysterious atmosphere.

To Be Continued ...

A dark, atmospheric image of a castle perched on a rocky cliff, surrounded by thick fog and clouds.

Questions?



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ghouls-and-goblins.github.io