How to add a WhatsApp share button in a website using JavaScript?

WhatsApp is one of the most popular mobile messaging apps nowadays. It was developed by **Jan Koum** and **Brian Acton**, but now it is owned by Facebook. Recently, there are almost 1.5 million active users on it.

As WhatsApp is a too popular chatting app, most of the websites need a WhatsApp sharing option on them. The web developer requires to fulfil this requirement and add it's sharing option to their website for the efficiency of the users.

This chapter will guide you on adding a WhatsApp sharing link or button to a website using the JavaScript programming language . This chapter will describe the following methods to create a WhatsApp sharing option for your website:

- **Create WhatsApp Sharing Link**
- **Create WhatsApp Sharing button**
- **Create WhatsApp Sharing icon using image**

Why needed?

As WhatsApp is the most popular chatting app, most websites need a WhatsApp sharing option on them. WhatsApp provides private sharing, which means that sharing is engaged between a few people rather than the public.

The web developer requires to fulfil this requirement and add it's sharing option to their website for the efficiency of the users. So that the user can easily share any information directly from the website using that sharing option instead of copy and paste sharing.

Steps to Add a WhatsApp sharing link

Following steps will create a WhatsApp sharing link on a webpage through which you can directly open WhatsApp and share the website data using it.

> Note: This will not work on large screens like laptops and computers. It will work perfectly on a Mobile phone.

For the large-screen users, provide the WhatsApp web address or link inside the JavaScript code.

Follow the steps below:

Step 1: Design a simple webpage having a hyperlink on it using HTML anchor tag <a>
. We will use this link as a sharing option.

HTML CODE

```
<html>
<head>
    <title> Add a WhatsApp sharing link on a website </title>
</head>
```

```
<body>
    <h3 style="color:brown"> WhatsApp sharing Link </h3>
    <a> Share to WhatsApp </a>
</body>
</html>
```

Test it Now

Step 2: As we already told you that this method would not work on large screens (laptop/desktop/computer). So, we will add CSS to hide the sharing link on large screens. CSS
code to hide the sharing link on large screens:

Use the CSS @media query for this.

CSS CODE

```
<style>
    @media screen and (min-width: 500px) {
        a {
            display: none
        }
    }
</style>
```

This code will hide the link which you have created using the anchor tag as we set the min-width of the screen to 500px. For the testing purpose, you can increase the min-width to 1000 and check the output on a laptop; it will not hide the link.

Step 3: Now, implement the above two steps with JavaScript to make the created hyperlink in working. So, when you click on this link, it will open WhatsApp directly from the current webpage.

JAVASCRIPT CODE

Add the below code to the anchor tab <a> inside HTML
code for mobile.

```
href="whatsapp://send?text=Your message here"
```

Complete Example

See the complete code to create a WhatsApp sharing link below:

```html
<html>
<head>
    <title> Add a WhatsApp sharing link on a website </title>
</head>
<style>
    //css code to hide the WhatsApp sharing link on the large screen
    @media screen and (min-width: 1000px) {
        a {
            display: none
```

```
        }
    }
</style>

<body>
    <h3 style="color:brown"> WhatsApp sharing Link </h3>
    <!-- create a link using anchor tab -->
    <a href="whatsapp://send?text=This is WhatsApp sharing example using link"      data-action="share/whatsapp/share"
       target="_blank"> Share to WhatsApp </a>
</body>
</html>
```
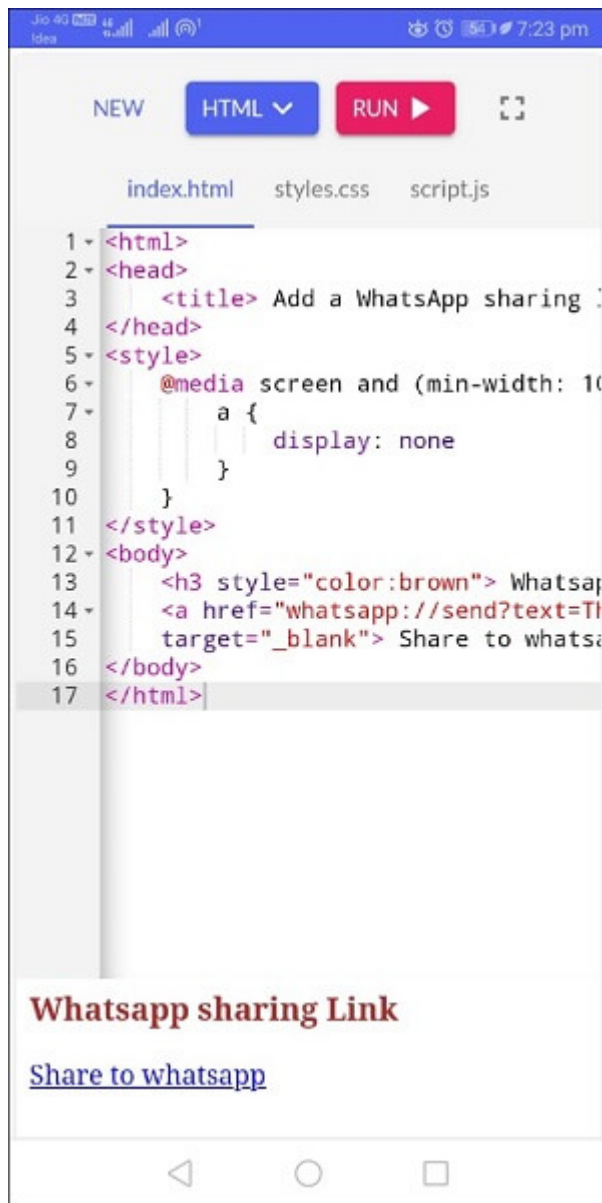
Test it Now

Output on Mobile

Check and run the above code on mobile instead of desktop or laptop. You will get the response as given below. Here, click on the **Share to WhatsApp** link, which will redirect you to the WhatsApp messenger on your mobile phone.
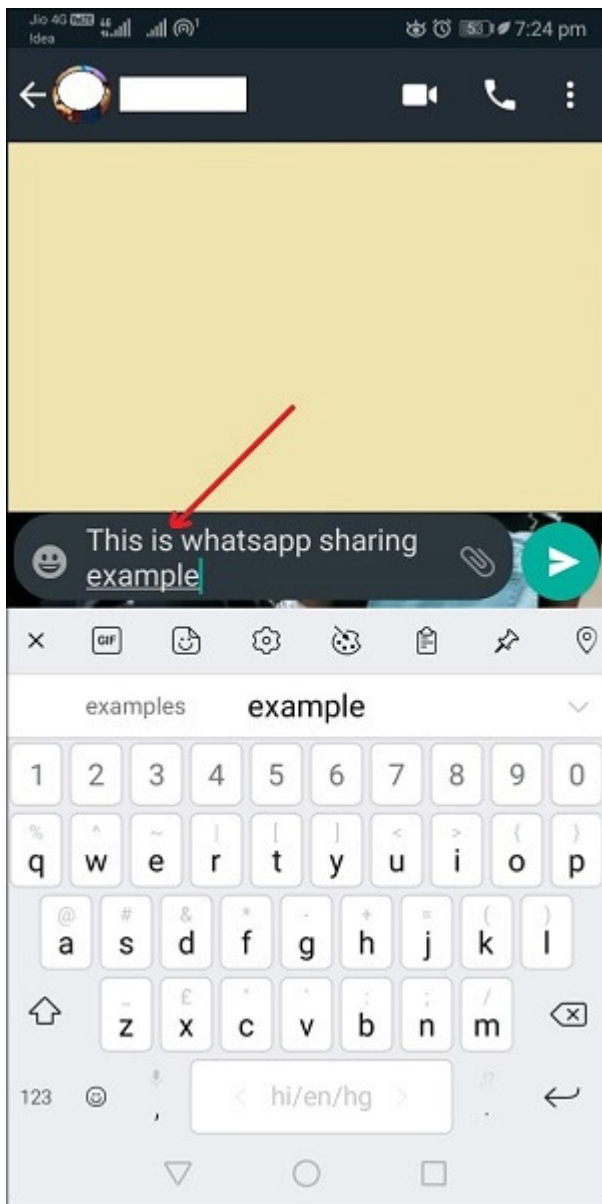
```html
<html>
<head>
    <title> Add a WhatsApp sharing
</head>
<style>
    @media screen and (min-width: 1(
        a {
            display: none
        }
    }
</style>
<body>
    <h3 style="color:brown"> Whatsa|
    <a href="whatsapp://send?text=Th
    target="_blank"> Share to whatsa
</body>
</html>
```

Whatsapp sharing Link

Share to whatsapp

When you click on the link, your WhatsApp application will open in mobile phone and it
share the text with them. This will share the text provided in the text parameter (**This is W**
anchor tag.

Note: You will get this output of the above code only on the mobile phone.

Output on desktop
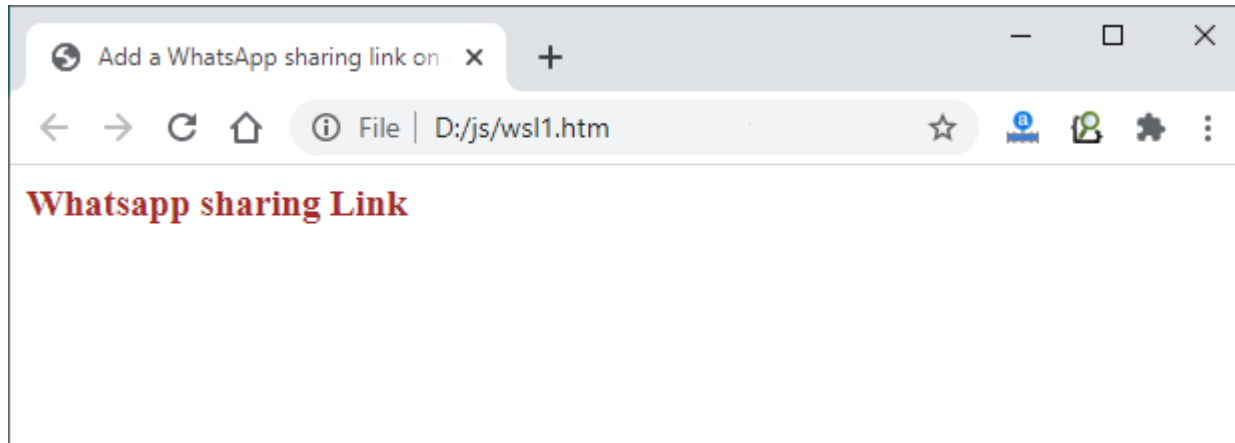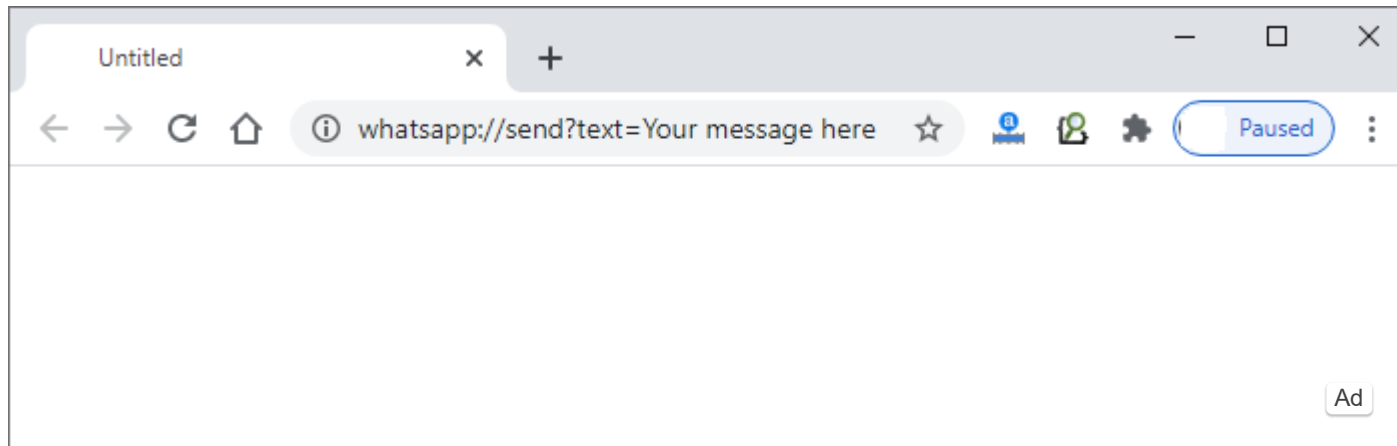
If you try to run the above code on large screens like desktop or laptop, you will get the response without having a WhatsApp sharing link, as shown in the below screenshot:

Or, in case you get the WhatsApp sharing link on minimizing the browser screen size, you will get the blank response containing text in the search bar of the browser by clicking on that link.

Create a WhatsApp Sharing button

Now, we will create and add a WhatsApp Sharing button to a webpage. Basically, this code is designed to add a button to the website that will lead you to the WhatsApp mobile app. By clicking on this button, you will be redirected to the WhatsApp application to share some web content with your contacts.

This method does not require a lengthy code. It just needs the **window.open()** method of JavaScript and link of WhatsApp and data you want to share.

For mobile WhatsApp

```
<button                                                          onclick="window.open('whatsapp://send?
text=This is WhatsApp sharing example using button')"> Open WhatsApp </button>
```

For WhatsApp Web on desktop

```
<button                                                     onclick="window.open('https://web.whatsapp.com://send?
text=This is whatsapp sharing example using button')"> Open WhatsApp </button>
```

Add one of the following codes to your final code with respect of which you want to open WhatsApp.

Example

See the code for mobile to add a WhatsApp sharing button on a webpage/website:

Copy Code

```html
<html>
<head>
   <title> Add a WhatsApp sharing button on a website </title>
</head>


<body>
   <h3 style="color:brown"> WhatsApp sharing Link </h3>


   <!-- create a button to open the WhatsApp onclick function -->
```

```
                              <button               onclick="window.open('whatsapp://send?
text=This is WhatsApp sharing example using button')"> Open WhatsApp </button>


</body>
</html>
```
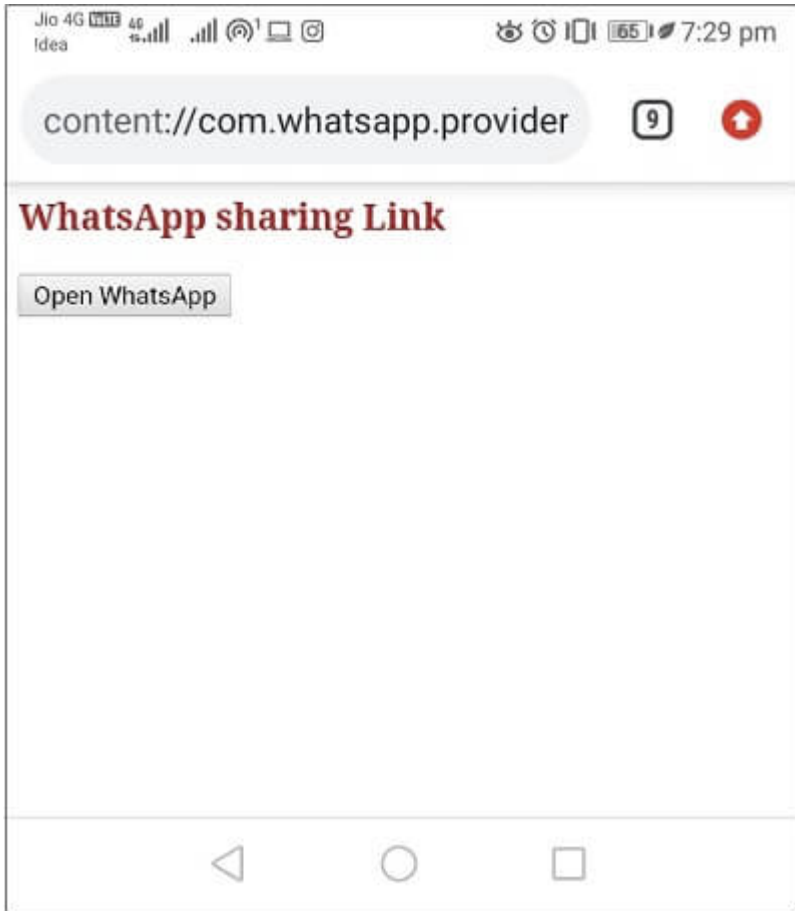
Test it Now

Output on Mobile

Run the above code on mobile, it will show you a small HTML button on a webpage, as shown in the below screenshot:
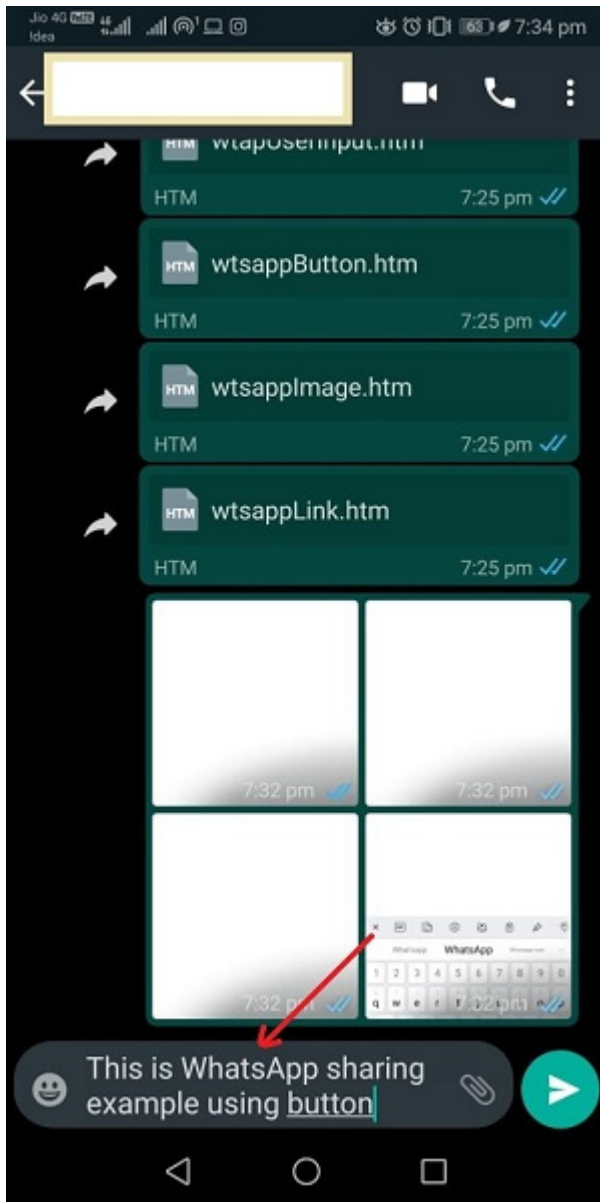
Click on this **Open WhatsApp** button that will take you to your WhatsApp application to select and share data with your contact. See the screenshot of mobile:

Create a WhatsApp Sharing icon using image

In this method, we will create a WhatsApp icon by taking an image from the internet and add it to the webpage to create a sharing icon of WhatsApp. When you click on this image/icon, it will redirect you to the WhatsApp application for sharing some web content with your contacts.

For mobile WhatsApp

```
function openWhatsApp() {

    window.open('whatsapp://send?text= https://www.youtube.com/watch?v=ohpCMpderow');

    }
```

For WhatsApp Web

```
function openWhatsApp() {

    window.open('https://web.whatsapp.com://send?text= https://www.youtube.com/watch?v=ohpCMpderow');

    }
```

Important points for this example:

○ In this example, we have taken the image for WhatsApp icon direct from the internet. So, we have provided the link of the WhatsApp image icon from the internet and also set its height and width.

○ We are sharing a youtube video link of Javatpoint rather then the text message. For
special. You just have to provide the link of the video at the place of text with the Wha

E.g. 'whatsapp://send?**text= https://www.youtube.com/watch?v=ohpCMpderow'**

Example

The below code will help you to add a WhatsApp sharing icon on your website. Remember that - below code will work only for the WhatsApp mobile application. On the web, it will show you nothing.

Copy Code

```html
<html>
<head>
   <title> Add a WhatsApp sharing image icon on a website </title>
</head>

<script>
//user-defined function to open and share web content on WhatsApp
function openWhatsApp() {
   window.open('whatsapp://send?text= https://www.youtube.com/watch?v=ohpCMpderow');
   }
</script>

<body>
   <h3 style="color:brown"> WhatsApp sharing Link </h3>

   <!-- create an image icon to open the WhatsApp onclick -->
                        <img      src      =      "https://image.freepik.com/
2147900927.jpg" height="50" size="50" onclick="openWhatsApp()">

</body>
</html>
```
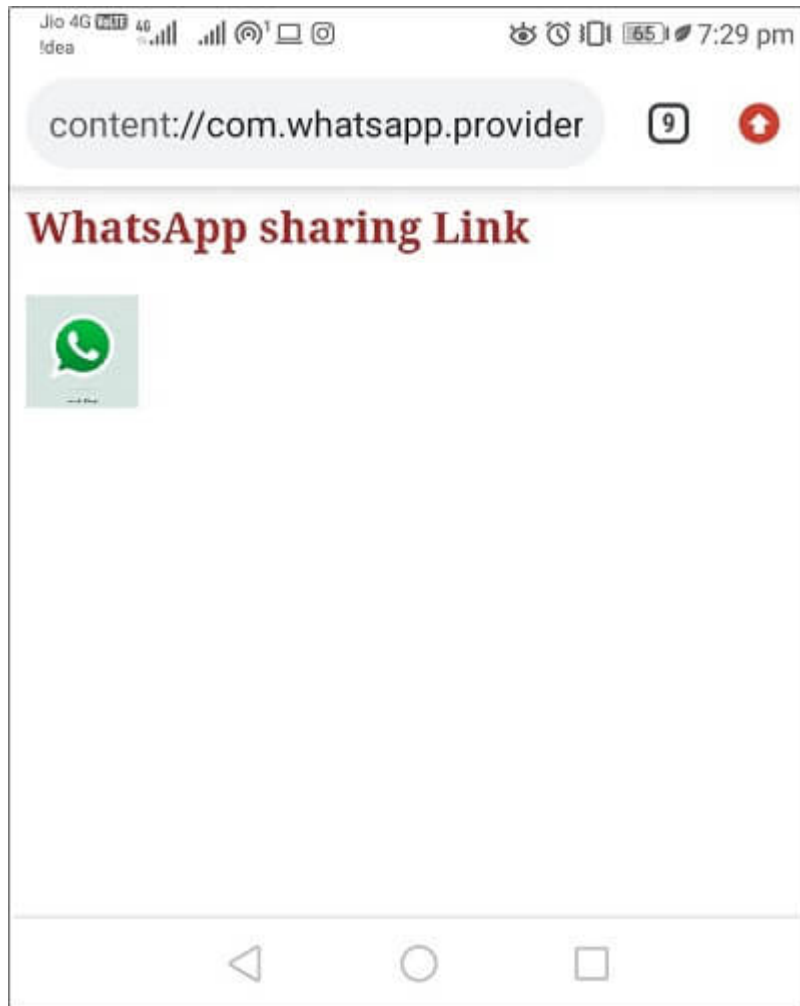
Output on Mobile

Run the above code on mobile; it will show you a small icon of WhatsApp. Click on this WhatsApp image icon and see the output of how it will respond:
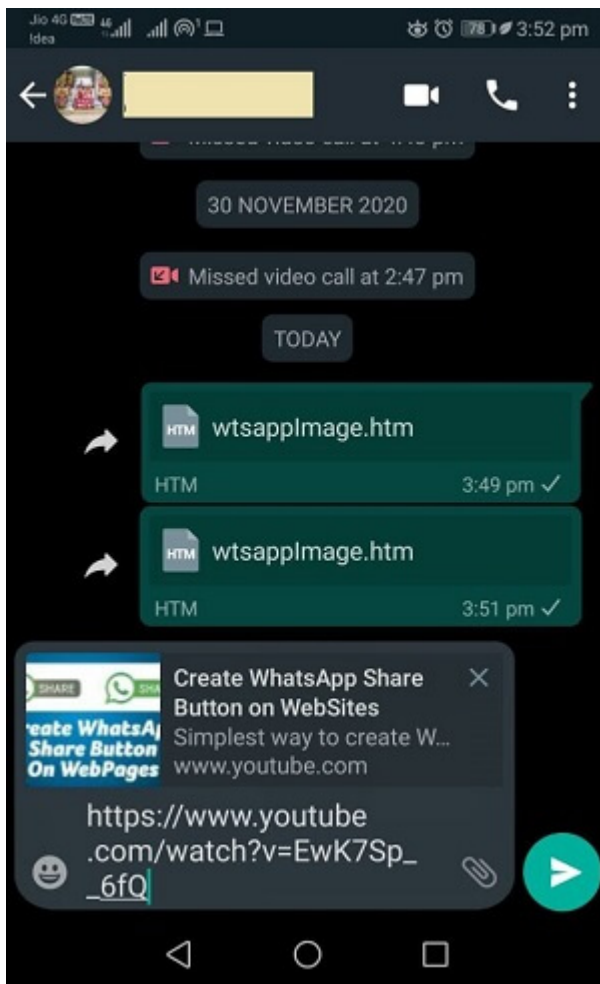

Click on this WhatsApp image icon you will get the output as given below:

WhatsApp sharing link with user input

This is another example of creating a WhatsApp sharing option along with an input field t
that we will take the input from the user in an input field that he/she wants to share and
providing a sharing button to share with their contacts on WhatsApp messenger.

In this example, we will take an input field to take input from the user and a button to st
sharing link. This will be done using JavaScript programming.

Look at the code for WhatsApp sharing with user input:

Example

See the complete code to add a WhatsApp sharing icon on a webpage:

Copy Code

```html
<html>
<head>
<title> Add a WhatsApp sharing link on a website </title>

<style>
   /* To hide the button on large screens */
   @media screen and (min-width: 1000px) {
   .mobileShow {
     display: none
   }
   }
</style>
</head>


<body>
   <h3>Whatsapp sharing</h3>

   <input class="mobileShow" type="text" name="message">
```

```html
<button onclick="share()" class="mobileShow"> Share to WhatsApp </button>

<script src=
"https://cdnjs.cloudflare.com/ajax/libs/jquery/3.2.1/jquery.js">
</script>

<script>
// User-defined function to share some message on WhatsApp
function share() {
    // collet the user input
  var message = $("input[name=message]").val();
        // JavaScript function to open URL in new window
    window.open( "whatsapp://send?text=" + message, '_blank');
  }
</script>

</body>
</html>
```
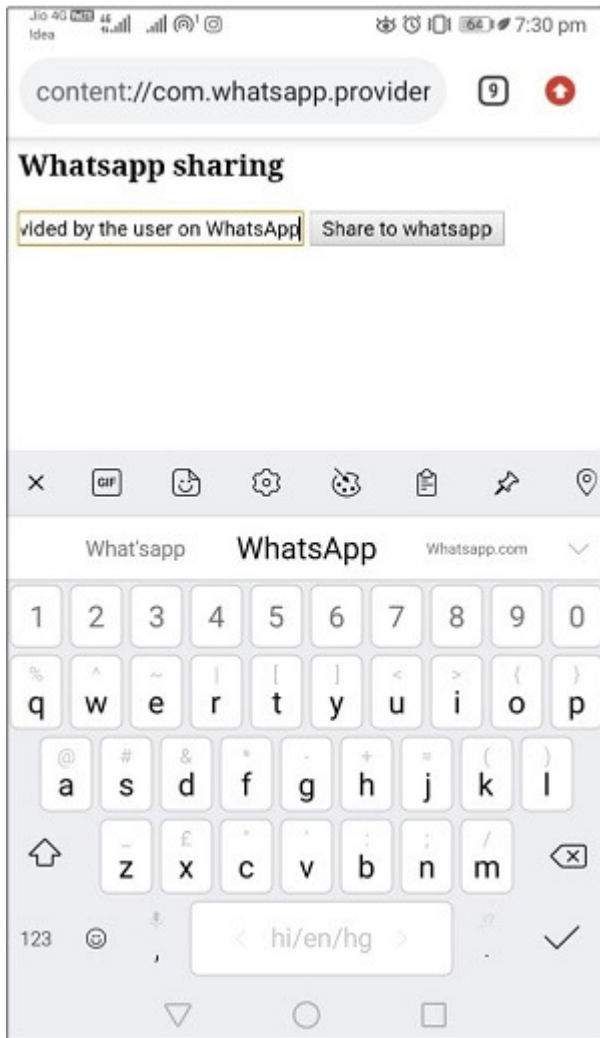
Test it Now

Output

When you execute the above code on mobile, it will show you a text field to take input fro
input to WhatsApp. See the mobile screenshot for the above program:

Provide the message in the text field and click on the **Share to WhatsApp** button. It will re
the message with your WhatsApp contact.