

<canvas> Tag in HTML

- <canvas> element is used to draw the graphics by using script.
- <canvas> tag is only container for the graphics we have use the Script to draw the graphics.
- <canvas> tag supports **Global and event attributes**.
- <canvas> tag belongs to **Flow content, Phrasing content, Embedded content and Palpable Content category**.

Syntax for <canvas> tag:

```
<canvas>Content here...</canvas>
```

Differences between HTML 4.01 and HTML5 for <canvas> tag:

HTML 4.01

- HTML4 does not support <canvas> tag.

HTML5

- <canvas> tag new in HTML5.



Sample coding for <canvas> tag:

```
<!DOCTYPE html>
<html>
  <head>
    <title>Wikitechy canvas tag </title>
  </head>
  <body>
    <h3>WIKITECHY CANVAS </h3>
    <canvas id="wikitechy"> </canvas>
    <script>
      var a=document.getElementById('mytechCanvas');
      var ctx=c.getContext('2d');
      ctx.fillStyle='purple';
      ctx.fillRect(0,0,100,200);
    </script>
  </body>
</html>
```



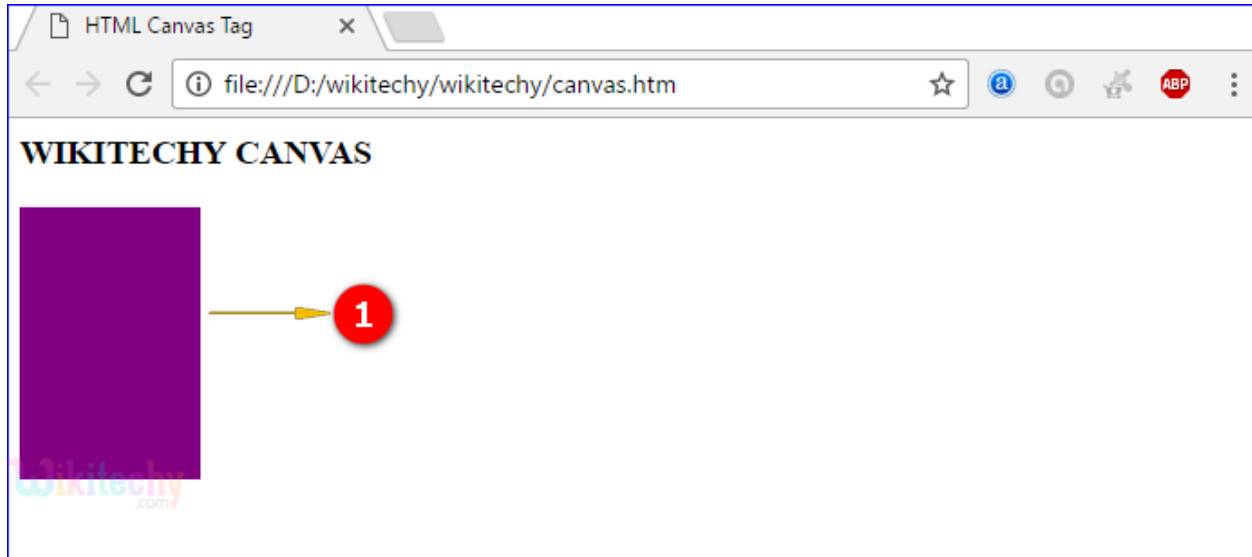
Code Explanation for <canvas> tag:

```
<!doctype html>
<html>
  <head>
    <title>HTML Canvas Tag</title>
  </head>
  <body>
    <h3>WIKITECHY CANVAS </h3>
    <canvas id="mytechCanvas"> → 1
    </canvas>
    <script>
      var a=document.getElementById('mytechCanvas');
      var wiki=a.getContext('2d');
      wiki.fillStyle='purple';
      wiki.fillRect(0,0,100,200); → 2
    </script>
  </body>
</html>
```

1. **<canvas>** tag is given for graphics by using script in HTML page.
2. **"var a"** declared as an object for the id **"mytechcanvas"** the **<canvas>** tag.



Output for <canvas> tag:



1. The output shows the 2d image of the rectangle by using canvas tag.

Attribute:

Attribute	Value	HTML 4	HTML 5	Description
disabled	disabled	Yes	Yes	To disable the option-group
label	text	Yes	Yes	To define the label the option-group.

Browser Support for <canvas> tag:

Browser	Language attribute
Chrome	Yes
Internet explorer / Edge	Yes
Firefox	Yes
Safari	Yes
Opera	Yes