

## fill() METHOD IN HTML5 CANVAS

- The fill() method is one of the canvas method.
- This method is used to fills the current drawing (path).

### Syntax for fill() method in HTML5 CANVAS:

```
context . fill( ) ;
```

### Sample coding for fill() method in HTML5 Canvas:

```
<!DOCTYPE html>
<html>
  <head>
    <title>wikitechy - HTML canvas fill() method </title>
  </head>
  <body>
    <h1>wikitechy-HTML canvas fill() method with example:</h1>
    <canvas id="wikitechyCanvas" width="500" height="250"
    style="border:1px solid #d3d3d3;" > </canvas>
    <script>
      var m = document.getElementById("wikitechyCanvas");
      var mas = m.getContext("2d");
      mas.beginPath();
      mas.rect(30, 30, 200, 150);
      mas.fillStyle = "green";
      mas.fill();

      mas.beginPath();
      mas.rect(60, 60, 200, 150);
      mas.fillStyle = "red";
      mas.fill();
    </script>
  </body>
</html>
```



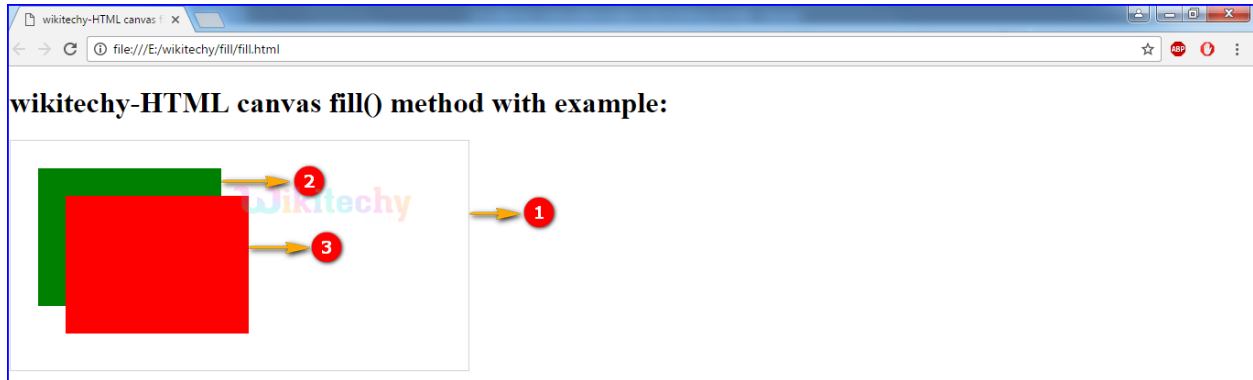
## Code Explanation for fill() method in HTML5 Canvas:

```
<!DOCTYPE html>
<html>
  <head>
    <title>wikitechy-HTML canvas fill() method </title>
  </head>
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    <h1>wikitechy-HTML canvas fill() method with example:</h1>
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      mas.fillStyle = "red";
      mas.fill();
    </script>
  </body>
</html>
```

1. **"WikitechyCanvas"** is used to declare the id value of the canvas tag.
2. **getElementById** method is used to get the id value as **"wikitechyCanvas"** from the canvas for draw a rectangle on the canvas.
3. **getContext("2d")** is used to draw a two-dimension figure on the canvas.
4. **beginpath()** method is used to begins the path for rectangle.
5. The **fillStyle** property is used to set the **green** color in first rectangle.
6. The **fill()** method is used to fill **green** color to the first rectangle.
7. **fillStyle** property is used to set the **red** color in second rectangle.
8. The **fill()** method is used to fill the second rectangle.

## Output for fill() method in HTML5 Canvas:



1. The output shows that a canvas rectangle with width as 500 and height as 250.
2. The first rectangle filled with green color.
3. The second rectangle filled with red color.

## Browser Support for fill() method in HTML5 Canvas:

| Browser                  | Support |
|--------------------------|---------|
| Chrome                   | Yes     |
| Internet explorer / Edge | 9.0     |
| Firefox                  | Yes     |
| Safari                   | Yes     |
| Opera                    | Yes     |

### Tips and Notes

- The fillstyle property is used to fill the another color or gradient.
- If the path is not closed, the fill() method will add a line from the last point to the startpoint of the path to close the path, and then fill the path.

