

shadowColor PROPERTY IN HTML CANVAS

- The **shadowColor** property is used to set or returns the color that is used for shadows.
- **shadowColor** property and **shadowBlur** property are combined to create shadow.

Syntax for shadowColor property in HTML canvas:

```
context.shadowColor=color;
```

Property values:

Value	Description
color	The color value is used for the shadows. The default color is black that value is #000000.



Sample coding for shadowColor property in HTML canvas:

```
<!DOCTYPE html>
<html>
  <head>
    <title>Wikitechy HTML Canvas shadowColor</title>
  </head>
  <body>
    <h1>Wikitechy HTML Canvas shadowColor with example</h1>
    <canvas id="wikitechyCanvas" width="300" height="150"
      style="border:1px solid ;"></canvas>
    <script>
      var r = document.getElementById("wikitechyCanvas");
      var ab = r.getContext("2d");
      ab.shadowBlur = 30;
      ab.fillStyle = "blue";
      ab.shadowColor = "red";
      ab.fillRect(10, 10, 80, 60);
      ab.shadowColor = "green";
      ab.fillRect(140, 20, 100, 80);
    </script>
  </body>
</html>
```

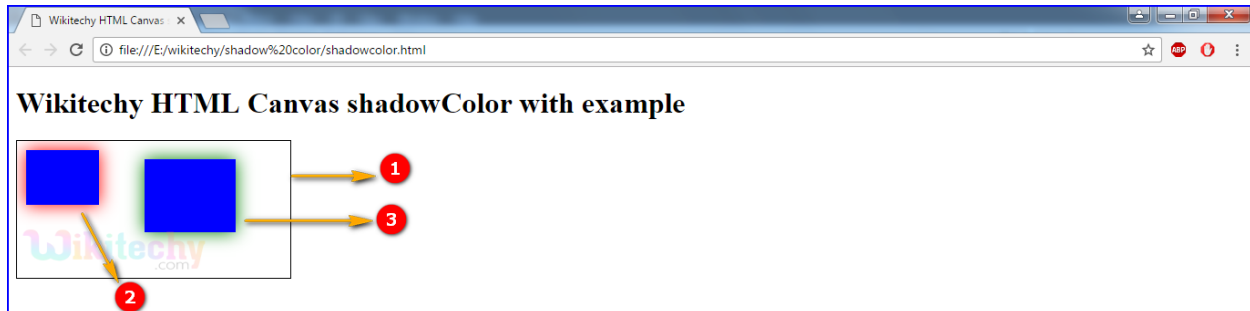


Code Explanation for shadowColor property in HTML canvas:

```
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<html>
  <head>
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    </script>
  </body>
</html>
```

1. **"wikitechyCanvas"** is a value of id attribute for canvas element.
2. The **getElementById();** method is used to get the element that has the id attribute with the **"wikitechyCanvas"** value.
3. **shadowBlur** property is used to declare by shadow level of **30**.
4. **fillStyle** property is used to fill the **blue** color in rectangle.
5. The first rectangle **shadow** will be set as **red** color.
6. To draw the first rectangle using the **fillRect(10, 10, 80, 60)** in (x0,y0,x1,y1) coordinates.
7. The second rectangle **shadow** will be set as **green** color.
8. To draw the second rectangle using the **fillRect(140, 20, 100, 80)** in (x0,y0,x1,y1) coordinates.

Output for shadowColor property in HTML canvas:



1. canvas is used to draw a rectangle an **shadowColor()** property.
2. Here the first rectangle displayed by **red color shadow** and the blur level is **30**.
3. Then second rectangle displayed by **green color shadow** and the blur level is **30**.

Browser Support for shadowColor property in HTML5 canvas:

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

Tips and Notes

- Change the shadow by using the shadowoffsetX and shadowoffsetY properties.
- Use the shadowColor property together with the shadowBlur property to create a shadow.