

shadowBlur PROPERTY IN HTML5 CANVAS

- The **shadowBlur** is one of the shadows property in canvas.
- It is defined as sets the blur levels for shadows.
- This value specifies to a number of pixels and the default value is 0.
- shadowBlur property of the canvas 2D specifies the levels of blurring effect.

Syntax for shadowBlur property in HTML5 Canvas :

```
context.shadowBlur=number;
```

Parameter values for shadowBlur property in HTML5 Canvas:

| Value | Description |
|--------|--------------------------------|
| number | The blur level for the shadow. |



Sample Coding for shadowBlur in HTML Canvas:

```
<!DOCTYPE html>
<html>
  <head>
    <title>Wikitechy HTML Canvas shadowBlur with example</title>
  </head>
  <body>
    <h1>Wikitechy HTML Canvas shadowBlur with example</h1>
    <canvas id="wikitechyCanvas" width="300" height="150"
      style="border:1px solid #d3d3d3;" >
    </canvas>
    <script>
      var a= document.getElementById("wikitechyCanvas");
      var b = a.getContext("2d");
      b.shadowBlur = 30;
      b.shadowColor = "green";
      b.fillStyle = "purple";
      b.fillRect(30, 30, 120, 100);
    </script>
  </body>
</html>
```



Code Explanation for shadowBlur HTML canvas:

```
<!DOCTYPE html>
<html>
  <head>
    <title>Wikitechy HTML Canvas shadowBlur with example</title>
  </head>
  <body>
    <h1>Wikitechy HTML Canvas shadowBlur with example</h1>
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      var b = a.getContext("2d");
      b.shadowBlur = 30;
      b.shadowColor = "green";
      b.fillStyle = "purple";
      b.fillRect(30, 30, 120, 100);
    </script>
  </body>
</html>
```

1. Here the name "shadowBlur" is declare within the script tag for shadow of the shape.

Output for shadowBlur:



1. The color "green" is displayed in the backside of the rectangle, which shows the blur shadows.

Browser Support for shadowBlur:

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