

## textAlign PROPERTY IN HTML5 CANVAS

- The textAlign property is one of the canvas property.
- The textAlign property is used to sets or returns the current alignment for text content, belongs to the anchor point.

### Syntax for textAlign property in HTML5 Canvas:

```
context . textAlign="center | end | left | right | start" ;
```

### Property Values:

Values	Description
starts	The text starts at the specified location.
end	The text ends at the specified location.
center	The center of the text is placed at the specified location.
left	The text starts at the specified location.
right	The text ends at the specified location.

## Sample coding for textAlign property in HTML5 Canvas:

```
<!DOCTYPE html>
<html>
  <head>
    <title>wikitechy-HTML Canvas textAlign</title>
  </head>
  <body>
    <h1>wikitechy-HTML Canvas textAlign with example: </h1>
    <canvas id="wikitechyCanvas" width="400" height="200" style="border:1px
solid #d3d3d3;"> </canvas>
    <script>
      var v = document.getElementById("wikitechyCanvas");
      var vps = v.getContext("2d");
      vps.strokeStyle = "blue";
      vps.moveTo(300, 30);
      vps.lineTo(300, 270);
      vps.stroke();
      vps.font = "20px Times New Roman";
      vps.textAlign = "start";
      vps.fillText("textAlign=start",300, 60);
      vps.textAlign = "end";
      vps.fillText("textAlign=end", 300, 100);
      vps.textAlign = "left";
      vps.fillText("textAlign=left", 300, 150);
      vps.textAlign = "center";
      vps.fillText("textAlign=center",300, 210);
      vps.textAlign = "right";
      vps.fillText("textAlign=right",300, 270);
    </script>
  </body>
</html>
```

## Code Explanation for textAlign property in HTML5 Canvas:

```
<!DOCTYPE html>
<html>
  <head>
    <title>Wikitechy-HTML Canvas textAlign</title>
  </head>
  <body>
    <h1>Wikitechy HTML Canvas textAlign with example:</h1>
    <canvas id="wikitechyCanvas" width="600" height="300"
      style="border:1px solid #d3d3d3;">
    </canvas>

    <script>

      var v = document.getElementById("wikitechyCanvas");
      var vps = v.getContext("2d");

      vps.strokeStyle = "blue";
      vps.moveTo(300, 30);
      vps.lineTo(300, 270);
      vps.stroke();

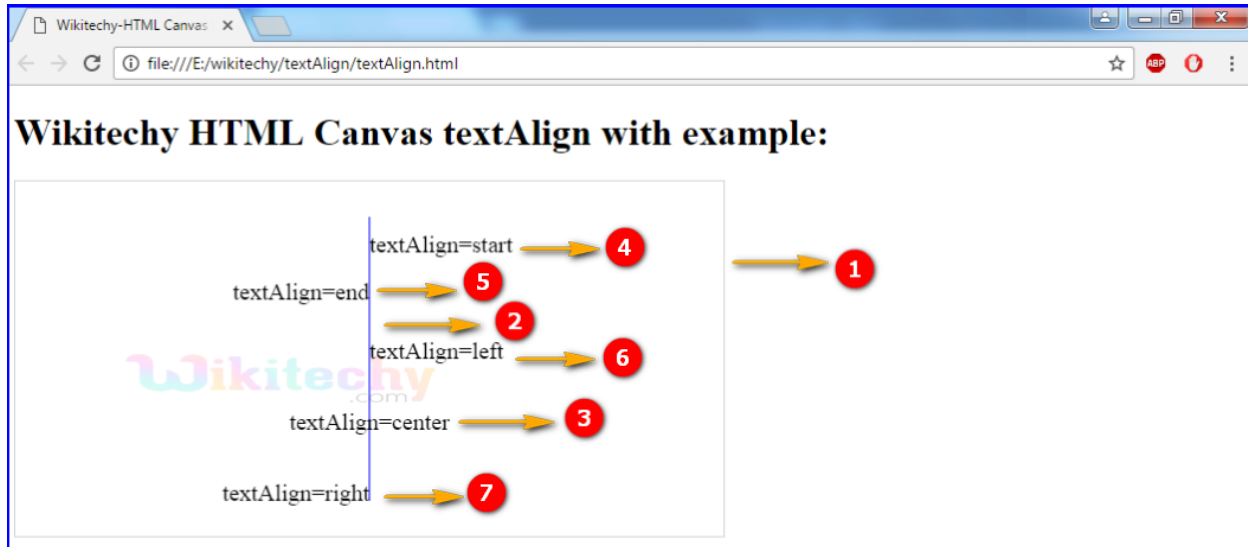
      vps.font = "20px Times New Roman";

      vps.textAlign = "start";
      vps.fillText("textAlign=start",300, 60);
      vps.textAlign = "end";
      vps.fillText("textAlign=end", 300, 100);
      vps.textAlign = "left";
      vps.fillText("textAlign=left", 300, 150);
      vps.textAlign = "center";
      vps.fillText("textAlign=center",300, 210);
      vps.textAlign = "right";
      vps.fillText("textAlign=right",300, 270);

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

1. **"Wikitechy canvas"** is used to declare the id value of the canvas tag.
2. **getElementById**: method is used to get the canvas element by id.
3. **getContext()**: returns an object that provides methods and properties for drawing on the canvas.
4. **strokeStyle property** set as the **blue** color.
5. The **moveTo()** method is used to select the starting point on (x, y) axis is **(300,30)**.
6. The **lineTo()** method is used to select the ending point at **(300,270)** in (x, y) axis.
7. **stroke()**: this method is used to draw the actually path.
8. **font** property as **"20px Times New Roman"**
9. **start**: The text starts at the point is **(300,60)** in (x, y) axis.
10. **end**: The text ends at the point is **(300,100)** in (x, y)axis.
11. **left** :The text starts at the point is **(300,150)** in (x, y) axis.
12. **center**: The center of the text is placed at the point as **(300, 210)** in (x, y)axis.
13. **right**: The text ends at the point is **(300,270)** in x, y axis.
14. **fillText()**: In this method is used to draw the actual position on the text.

## Output of textAlign property in HTML5 Canvas:



1. canvas is used to draw a rectangle.
2. The output displays blue color path.
3. The text **textAlign=center** displayed in **center alignment**.
4. The text **textAlign=start** will be started from the blue line.
5. The text **textAlign=end** will be ended in the blue line.
6. The text **textAlign=left** displayed in **left alignment**.
7. The text **textAlign=right** displayed in **right alignment**.

## Browser Support for textAlign property in HTML5 Canvas:

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

### Tips and Notes

- The [fillText\(\)](#) or [strokeText\(\)](#) method is used to draw the actually text on the canvas.