

# Converting Colors

Hex(54317E)

Have a look what the booklet for  
Hex(54317E) contains.

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# Color

**Hex(54317E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	54317E
RGB	84, 49, 126
RGB Percent	33%, 19%, 49%
CMY	0.6706, 0.8078, 0.5059
CMYK	0.33, 0.61, 0.00, 0.51
HSL	267°, 44%, 34%
HSV	267°, 61%, 49%
XYZ	8.5204, 5.5878, 20.3681
YIQ	68.2430, -3.8570, 31.3670

# Conversions

## Conversions Part 2

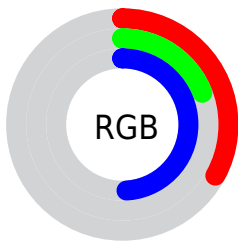
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	84, 49, 126
Decimal	5517694
CIE <sub>Lab</sub>	28.35, 32.62, -37.92
CIE <sub>LCh</sub>	28, 50.021, 310.702
Yxy	5.5878, 0.2471, 0.1621
Android (android.graphics.Color)	4283707774 (0xFF54317E)
YUV	68.2430, 28.4742, 13.8189
Hunter-Lab	23.6385, 22.9718, -34.5403

# Details

The Hex color **54317E** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **5B7E31**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **8861B3**, and **21034C** is the 20% darker color. If you saturate the color by 10%, you get **4D247E**, and if you desaturate by 10%, it is **5B3E7E**.

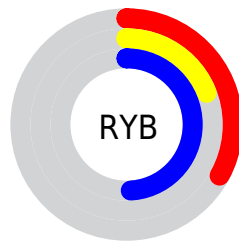
# Distribution



Red (33%)

Green (19%)

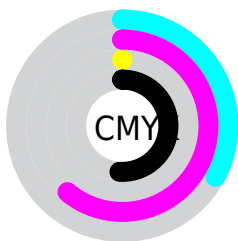
Blue (49%)



Red (33%)

Yellow (19%)

Blue (49%)

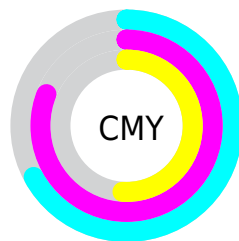


Cyan (33%)

Magenta (61%)

Yellow (0%)

Black (51%)



Cyan (67%)

Magenta (81%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 54317E changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 54317E by changing the saturation by 10% instead.



■ 54317E

■ 54317E

FFFFFF

■ 3B1A65

■ 8861B3

■ 21034C

■ A47ACF

■ 0B0035

■ BF94EB

■ 00021F

■ DCAFFF

■ 000001

■ F9CBFF

■ 000000

■ FFE7FF

■ 54317E

■ 54317E

■ 4D247E

■ 5B3E7E

■ 46187E

■ 624A7E

■ 3F0B7E

■ 69577E

■ 39007E

■ 6F637E

■ 76707E

■ 7D7D7E

■ 84897E

■ 8B967E

■ 92A27E

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



004390



54317E



7A195D

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



54317E



673700



005350

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



54317E



5B7E31

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



005228



54317E



474600

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



54317E



7D2311



174E00



005375

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54317E



840D44



174E00



005343



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



54317E



9386A3



315B7E



484052



D1D1D1



525252



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



54317E



622CA3



7A317E



3C3940



3A0080



000000



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



7E315B



A32C6D



357E31



40393D



800046

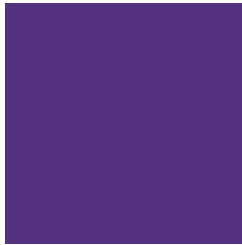


000000



# Previews

## White Background



This preview shows how the Hex color 54317E looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

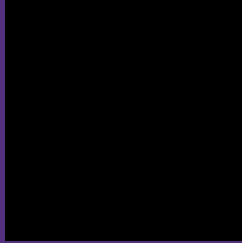
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 54317E Background



This preview shows how black text looks on a background with the Hex color 54317E.



This preview shows how white text looks on a background with the Hex color 54317E.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





**Tritanopia**  
494146

# Trichromacy



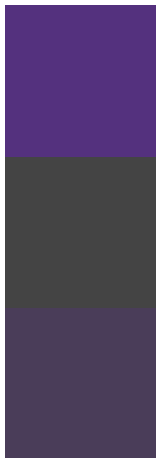
**Original Color**  
54317E

**Protanomaly**  
1F3B86

**Deuteranomaly**  
1F3E7B

**Tritanomaly**  
4D3B5A

# Monochromacy



**Original Color**  
54317E

**Achromatopsia**  
444444

**Achromatomaly**  
4A3D59

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 54317E is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #54317E looks like.

```
.text, #text, p{  
    color:#54317E  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #54317E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54317E
}
```

## Border

The CSS property to change the border of an element to Hex 54317E is called "border". The border property can be set on classes, ids or directly on the HTML element.

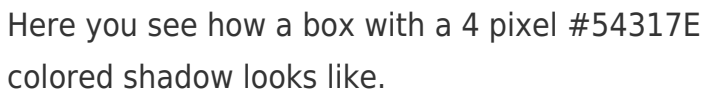
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#54317E }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#54317E }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #54317E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54317E; -webkit-box-shadow:4px 4px  
4px 4px #54317E; box-shadow:4px 4px 4px  
4px #54317E }
```

# Background

The CSS property to change the background color of an element to Hex 54317E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54317E }
```

If only the background color should be changed can be used:

```
.background{ background-color:#54317E }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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