

# Converting Colors

Hex(557BB9)

Have a look what the booklet for  
Hex(557BB9) contains.

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# Color

**Hex(557BB9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	557BB9
RGB	85, 123, 185
RGB Percent	33%, 48%, 73%
CMY	0.6667, 0.5176, 0.2745
CMYK	0.54, 0.34, 0.00, 0.27
HSL	217°, 42%, 53%
HSV	217°, 54%, 73%
XYZ	19.5862, 19.6000, 48.6498
YIQ	118.7060, -42.5500, 11.2260

# Conversions

## Conversions Part 2

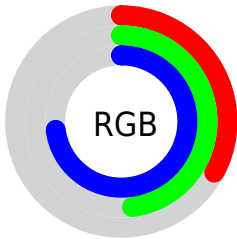
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	85, 113, 185
Decimal	5602233
CIE <sub>Lab</sub>	51.38, 4.89, -36.72
CIE <sub>LCh</sub>	51, 37.047, 277.586
Yxy	19.6000, 0.2230, 0.2231
Android (android.graphics.Color)	4283792313 (0xFF557BB9)
YUV	118.7060, 32.6829, -29.5602
Hunter-Lab	44.2719, 1.4940, -34.1627

# Details

The Hex color **557BB9** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **B99355**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **8DAFF1**, and **164B83** is the 20% darker color. If you saturate the color by 10%, you get **4270B9**, and if you desaturate by 10%, it is **6886B9**.

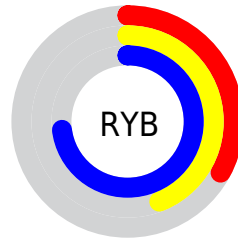
# Distribution



Red (33%)

Green (48%)

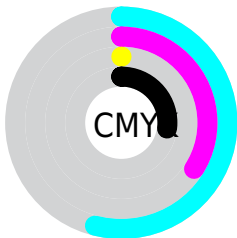
Blue (73%)



Red (33%)

Yellow (44%)

Blue (73%)

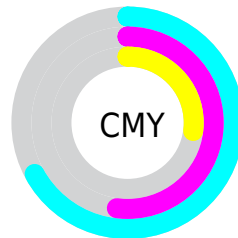


Cyan (54%)

Magenta (34%)

Yellow (0%)

Black (27%)



Cyan (67%)

Magenta (52%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 557BB9 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 557BB9 by changing the saturation by 10% instead.



■ 557BB9

■ 557BB9

FFFFFF

■ 38629E

■ 8DAFF1

■ 164B83

■ A9CBFF

■ 00346A

■ C5E7FF

■ 002051

■ E3FFFF

■ 00073A

■ 000224

■ 00000B

■ 000000

■ 557BB9

■ 557BB9

■ 4270B9

■ 6886B9

■ 3064B9

■ 7A92B9

■ 1D59B9

■ 8D9DB9

■ 0B4DB9

■ 9FA9B9

■ 0046B9

■ B2B4B9

■ C4C0B9

■ D6CBB9

■ E9D7B9

■ FCE2B9

# Harmonies

## Analogous

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



0084B4



557BB9



886FAD

# Triad

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



557BB9



B36555



398961

# Complementary

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



557BB9



B99355

# 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.



648447



557BB9



A17040

# Square

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



557BB9



B66074



867B3A



008B82

# Rectangle

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



557BB9



9F679D



867B3A



498857



# Sweetspot

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



557BB9



C9D8F0



55B993



616A78



F7F7F7



787878



# Same Dimension

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



557BB9



548FF0



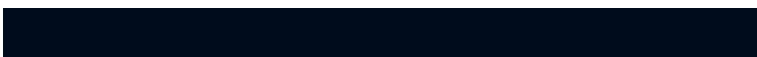
6155B9



53565C



003B9C



000B1C



# Inverse Universe

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



B9557B



F0548F



ADB955



5C5356



9C003B



1C000B



# Previews

## White Background



This preview shows how the Hex color 557BB9 looks on a white background.

## Color Contrast Check

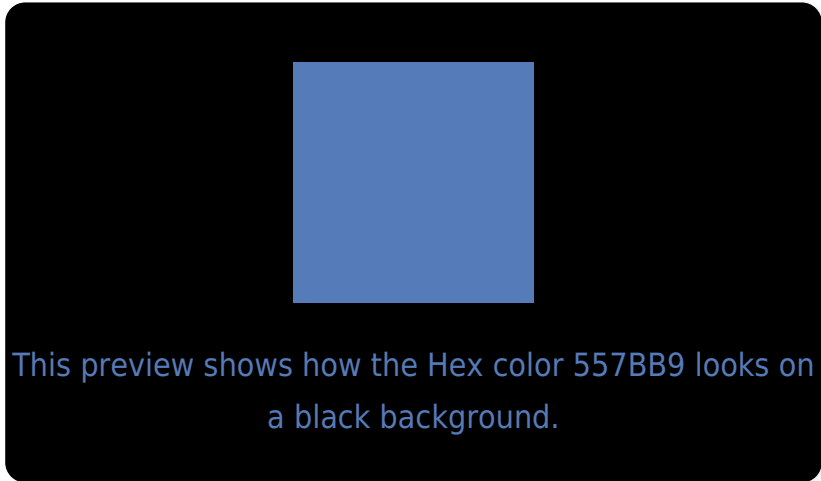
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

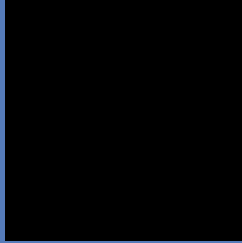
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

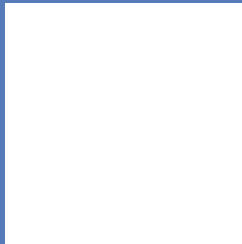
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 557BB9 Background



This preview shows how black text looks on a background with the Hex color 557BB9.

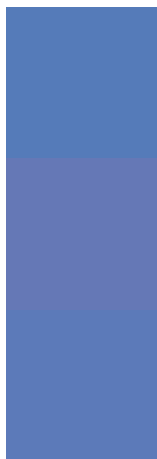


This preview shows how white text looks on a background with the Hex color 557BB9.

# 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



**Original Color**  
557BB9

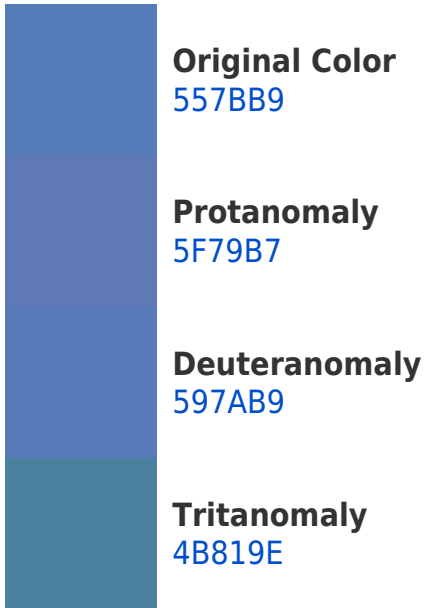
**Protanopia**  
6578B6

**Deuteranopia**  
5C7AB9



**Tritanopia**  
46848E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 557BB9 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 #557BB9 looks like.

```
.text, #text, p{  
    color:#557BB9  
}
```

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 #557BB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #557BB9
}
```

## Border

The CSS property to change the border of an element to Hex 557BB9 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
#557BB9 }
```

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

```
.border{ border-color:#557BB9 }
```

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

Here you see how a box with a 4 pixel #557BB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #557BB9; -webkit-box-shadow:4px 4px  
4px 4px #557BB9; box-shadow:4px 4px 4px  
4px #557BB9 }
```

# Background

The CSS property to change the background color of an element to Hex 557BB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#557BB9 }
```

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

```
.background{ background-color:#557BB9 }
```

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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