

# Converting Colors

Hex(557BB2)

Have a look what the booklet for  
Hex(557BB2) contains.

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# Color

Hex(557BB2)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	557BB2
RGB	85, 123, 178
RGB Percent	33%, 48%, 70%
CMY	0.6667, 0.5176, 0.3020
CMYK	0.52, 0.31, 0.00, 0.30
HSL	215°, 38%, 52%
HSV	215°, 52%, 70%
XYZ	18.8652, 19.3116, 44.8527
YIQ	117.9080, -40.3030, 9.0490

# Conversions

## Conversions Part 2

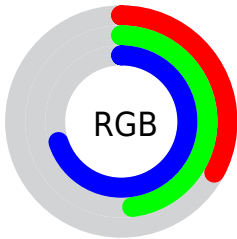
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	85, 112, 178
Decimal	5602226
CIE Lab	51.05, 2.65, -33.21
CIE LCh	51, 33.315, 274.567
Yxy	19.3116, 0.2272, 0.2326
Android (android.graphics.Color)	4283792306 (0xFF557BB2)
YUV	117.9080, 29.6254, -28.8603
Hunter-Lab	43.9449, -0.2752, -29.7533

# Details

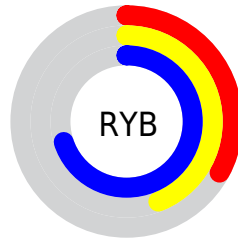
The Hex color **557BB2** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **B28C55**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **8CAFEA**, and **194B7D** is the 20% darker color. If you saturate the color by 10%, you get **4370B2**, and if you desaturate by 10%, it is **6786B2**.

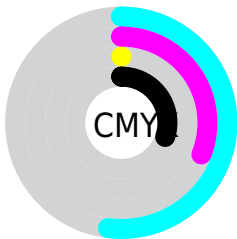
# Distribution



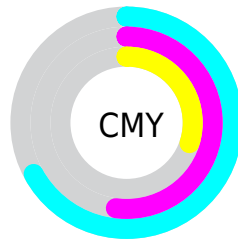
- Red (33%)
- Green (48%)
- Blue (70%)



- Red (33%)
- Yellow (44%)
- Blue (70%)



- Cyan (52%)
- Magenta (31%)
- Yellow (0%)
- Black (30%)



- Cyan (67%)
- Magenta (52%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 557BB2 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 557BB2 by changing the saturation by 10% instead.



■ 557BB2

■ 557BB2

FFFFFF

■ 396297

■ 8CAFEA

■ 194B7D

■ A8CBFF

■ 003464

■ C4E7FF

■ 00204C

■ E1FFFF

■ 000635

■ 00021F

■ 000001

■ 000000

■ 557BB2

■ 557BB2

■ 4370B2

■ 6786B2

■ 3166B2

■ 7990B2

■ 205BB2

■ 8A9BB2

■ 0E51B2

■ 9CA5B2

■ 0049B2

■ AEB0B2

■ C0BAB2

■ D2C5B2

■ E3CFB2

■ F5DAB2

# Harmonies

## Analogous

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



0D83AC



557BB2



8271A8

# Triad

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



557BB2



AE665B



458660

# Complementary

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



557BB2



B28C55

# 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.



69814A



557BB2



9F6F47

# Square

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



557BB2



AF6376



877940



0B897D

# Rectangle

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



557BB2



986A9B



877940



528558



# Sweetspot

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



557BB2



C3D2E8



55B28B



5F6875



F5F5F5



757575



# Same Dimension

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



557BB2



5692E8



5D55B2



505459



003F99



000A1A



# Inverse Universe

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



B2557B



E85692



AAB255



595054



99003F



1A000A



# Previews

## White Background



This preview shows how the Hex color 557BB2 looks on a white background.

## Color Contrast Check

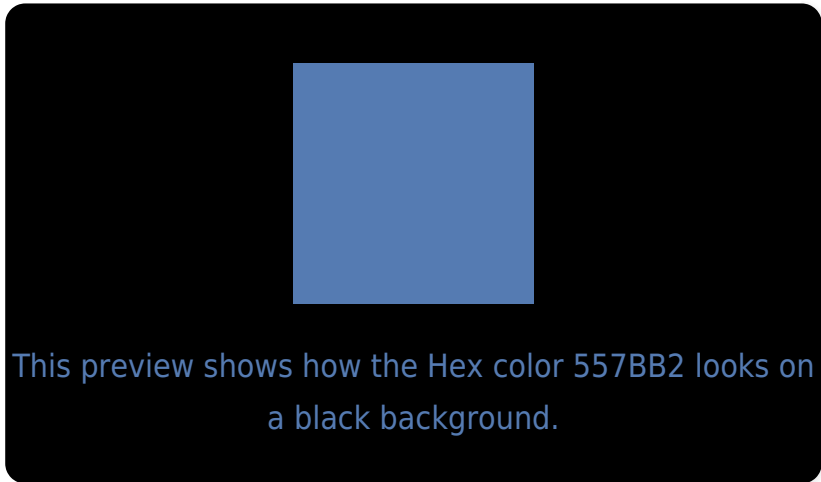
Large Text (above 18pt) WCAG AA ✓ Pass

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

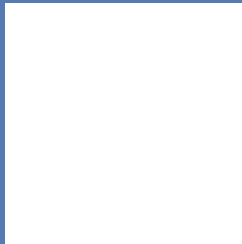
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 557BB2 Background



This preview shows how black text looks on a background with the Hex color 557BB2.



This preview shows how white text looks on a background with the Hex color 557BB2.

# 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](#).

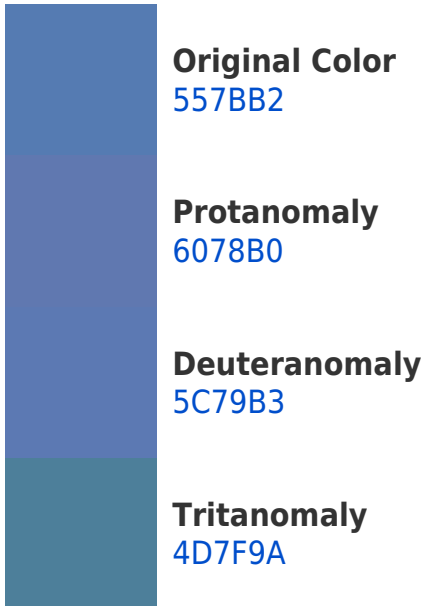
## Dichromacy



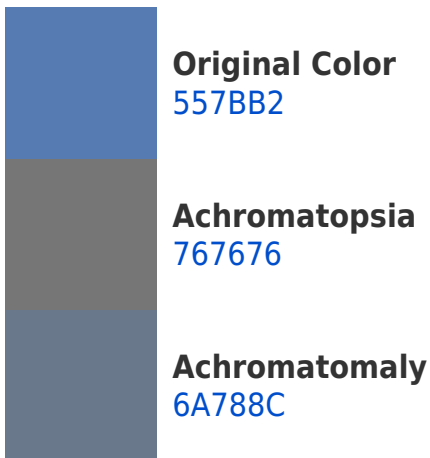


**Tritanopia**  
48828D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 557BB2 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 #557BB2 looks like.

```
.text, #text, p{  
    color:#557BB2  
}
```

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 #557BB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #557BB2
}
```

## Border

The CSS property to change the border of an element to Hex 557BB2 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
#557BB2 }
```

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

```
.border{ border-color:#557BB2 }
```

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

Here you see how a box with a 4 pixel #557BB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #557BB2; -webkit-box-shadow:4px 4px  
4px 4px #557BB2; box-shadow:4px 4px 4px  
4px #557BB2 }
```

# Background

The CSS property to change the background color of an element to Hex 557BB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#557BB2 }
```

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

```
.background{ background-color:#557BB2 }
```

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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