

Converting Colors

Hex(567CC0)

Have a look what the booklet for
Hex(567CC0) contains.

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Color

Hex(567CC0)

Conversions

Conversions Part 1

Format	Color
Hex	567CC0
RGB	86, 124, 192
RGB Percent	34%, 49%, 75%
CMY	0.6627, 0.5137, 0.2471
CMYK	0.55, 0.35, 0.00, 0.25
HSL	218°, 46%, 55%
HSV	218°, 55%, 75%
XYZ	20.5598, 20.1995, 52.6844
YIQ	120.3900, -44.4760, 13.0920

Conversions

Conversions Part 2

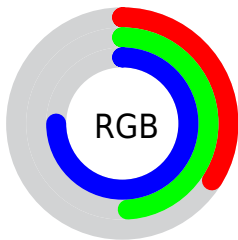
Format	Color
R _Y B	86, 114, 192
Decimal	5668032
CIE Lab	52.06, 6.77, -39.67
CIE LCh	52, 40.240, 279.691
Yxy	20.1995, 0.2200, 0.2162
Android (android.graphics.Color)	4283858112 (0xFF567CC0)
YUV	120.3900, 35.3037, -30.1600
Hunter-Lab	44.9439, 3.0041, -38.0407

Details

The Hex color **567CC0** is a dark color, and the websafe version is hex **336699**. The color can be described as middle muted azure. A complement of this color would be **C09A56**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **8EB0F9**, and **144C8A** is the 20% darker color. If you saturate the color by 10%, you get **4370C0**, and if you desaturate by 10%, it is **6988C0**.

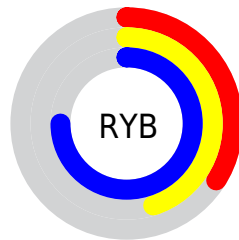
Distribution



Red (34%)

Green (49%)

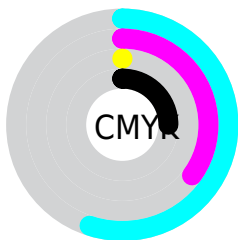
Blue (75%)



Red (34%)

Yellow (45%)

Blue (75%)

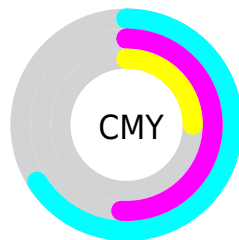


Cyan (55%)

Magenta (35%)

Yellow (0%)

Black (25%)



Cyan (66%)

Magenta (51%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 567CC0 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 567CC0 by changing the saturation by 10% instead.

■ 567CC0

■ 567CC0

FFFFFF

■ 3963A5

■ 8EB0F9

■ 144C8A

■ ABCCFF

■ 003570

■ C8E8FF

■ 002157

■ E5FFFF

■ 000940

■ 000329

■ 000113

■ 000000

■ 567CC0

■ 567CC0

■ 4370C0

■ 6988C0

■ 3063C0

■ 7C95C0

■ 1C57C0

■ 90A1C0

■ 094BC0

■ A3ADC0

■ 0045C0

■ B6BAC0

■ C9C6C0

■ DCD2C0

■ F0DFC0

■ FFEBC0

Harmonies

Analogous

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



0086BC



567CC0



8E6FB1

Triad

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



567CC0



B86652



2D8C63

Complementary

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



567CC0



C09A56

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.



618745



567CC0



A4723B

Square

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



567CC0



BD5F72



867E35



008E87

Rectangle

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



567CC0



A6669F



867E35



428B58

Sweetspot

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



567CC0



CFDFFA



56C099



646D7D



FCFCFC



7D7D7D

Same Dimension

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



567CC0



5590FA



6456C0



575B61



003AA1



000C21

Inverse Universe

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



C0567C



FA5590



B2C056



61575B



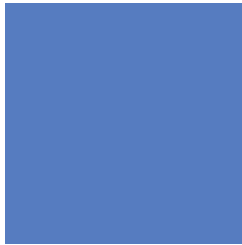
A1003A



21000C

Previews

White Background



This preview shows how the Hex color 567CC0 looks on a white background.

Color Contrast Check

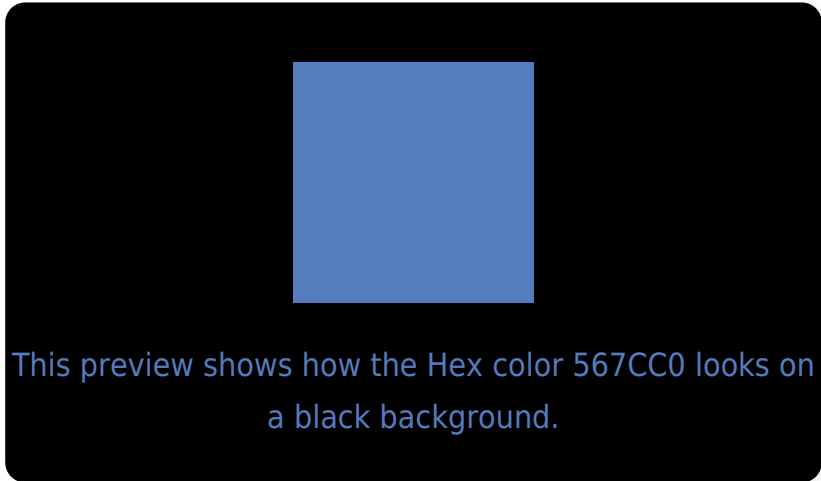
Large Text (above 18pt) WCAG AA ✓ Pass

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

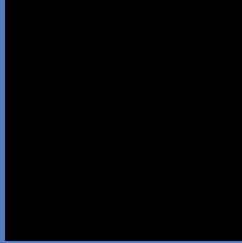
Any Text WCAG AA ✓ Pass

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 567CC0 Background



This preview shows how black text looks on a background with the Hex color 567CC0.

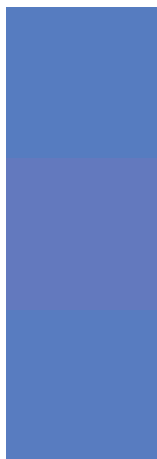


This preview shows how white text looks on a background with the Hex color 567CC0.

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
567CC0

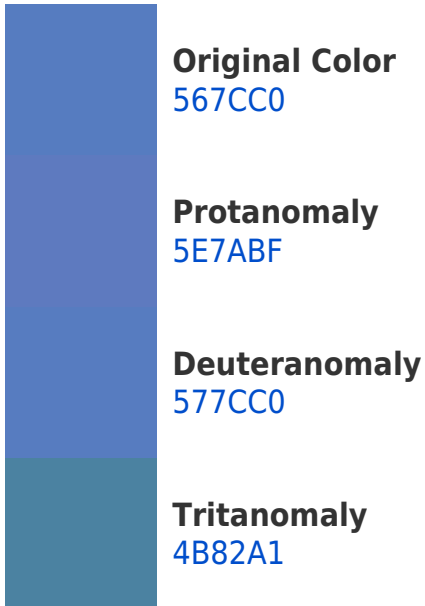
Protanopia
6379BE

Deuteranopia
587CC0

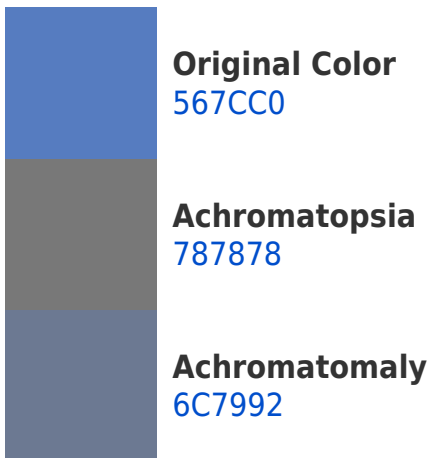


Tritanopia
448690

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 567CC0 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 #567CC0 looks like.

```
.text, #text, p{  
    color:#567CC0  
}
```

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 #567CC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #567CC0
}
```

Border

The CSS property to change the border of an element to Hex 567CC0 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
#567CC0 }
```

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

```
.border{ border-color:#567CC0 }
```

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

Here you see how a box with a 4 pixel #567CC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #567CC0; -webkit-box-shadow:4px 4px  
4px 4px #567CC0; box-shadow:4px 4px 4px  
4px #567CC0 }
```

Background

The CSS property to change the background color of an element to Hex 567CC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#567CC0 }
```

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

```
.background{ background-color:#567CC0 }
```

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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