

Converting Colors

Hex(567EC7)

Have a look what the booklet for
Hex(567EC7) contains.

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Color

Hex(567EC7)

Conversions

Conversions Part 1

Format	Color
Hex	567EC7
RGB	86, 126, 199
RGB Percent	34%, 49%, 78%
CMY	0.6627, 0.5059, 0.2196
CMYK	0.57, 0.37, 0.00, 0.22
HSL	219°, 50%, 56%
HSV	219°, 57%, 78%
XYZ	21.6074, 21.0237, 56.9520
YIQ	122.3620, -47.2730, 14.2230

Conversions

Conversions Part 2

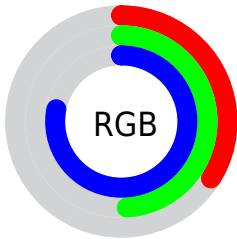
Format	Color
R _Y B	86, 116, 199
Decimal	5668551
CIE Lab	52.98, 7.85, -42.22
CIE LCh	53, 42.944, 280.533
Yxy	21.0237, 0.2170, 0.2111
Android (android.graphics.Color)	4283858631 (0xFF567EC7)
YUV	122.3620, 37.7825, -31.8895
Hunter-Lab	45.8516, 3.8773, -41.5477

Details

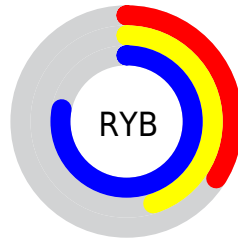
The Hex color **567EC7** is a dark color, and the websafe version is hex **336699**. The color can be described as middle muted azure. A complement of this color would be **C79F56**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **8FB2FF**, and **104E91** is the 20% darker color. If you saturate the color by 10%, you get **4271C7**, and if you desaturate by 10%, it is **6A8BC7**.

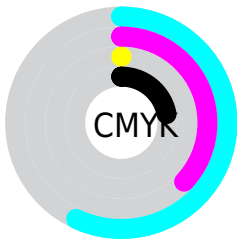
Distribution



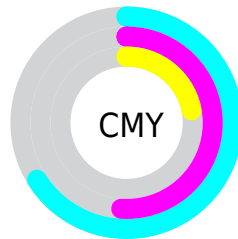
- Red (34%)
- Green (49%)
- Blue (78%)



- Red (34%)
- Yellow (45%)
- Blue (78%)



- Cyan (57%)
- Magenta (37%)
- Yellow (0%)
- Black (22%)



- Cyan (66%)
- Magenta (51%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 567EC7 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 567EC7 by changing the saturation by 10% instead.

■ 567EC7

FFFFFF

■ 8FB2FF

■ ACCEFF

■ C9EAFF

■ E6FFFF

■ 567EC7

■ 3865AB

■ 104E91

■ 003777

■ 00235D

■ 000C45

■ 00042E

■ 000119

■ 000000

■ 567EC7

■ 567EC7

■ 4271C7

■ 6A8BC7

■ 2E64C7

■ 7E98C7

■ 1A57C7

■ 92A5C7

■ 064BC7

■ A6B1C7

■ 0046C7

■ BABEC7

■ CDCBC7

■ E1D8C7

■ F5E5C7

■ FFF2C7

Harmonies

Analogous

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



0089C4



567EC7



9270B7

Triad

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



567EC7



BD6650



238F65

Complementary

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



567EC7



C79F56

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.



5F8A44



567EC7



A87438

Square

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



567EC7



C35F73



878132



00918B

Rectangle

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



567EC7



AC66A3



878132



3D8E59

Sweetspot

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



567EC7



D4E3FF



56C79E



666F80



000000



808080

Same Dimension

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



567EC7



528FFF



6556C7



5A5D63



003AA3



000D24

Inverse Universe

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



C7567E



FF528F



B8C756



635A5D



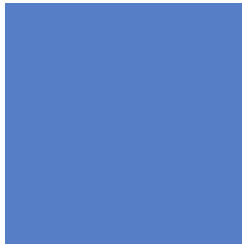
A3003A



24000D

Previews

White Background



This preview shows how the Hex color 567EC7 looks on a white background.

Color Contrast Check

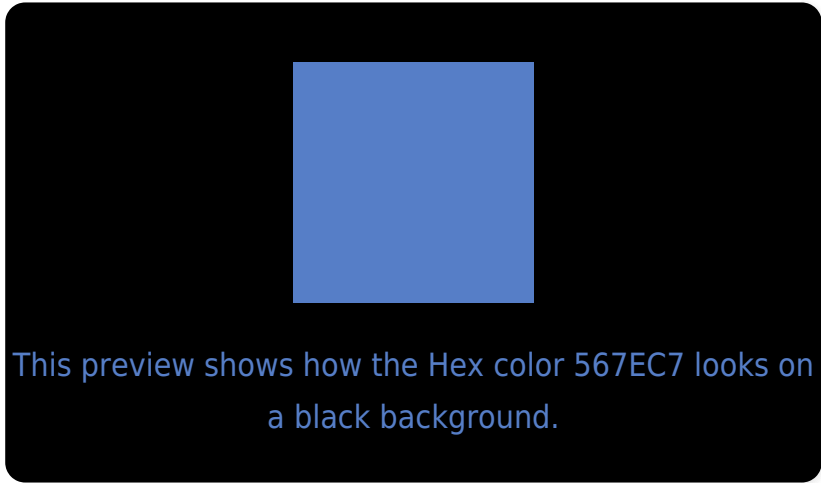
Large Text (above 18pt) WCAG AA ✓ Pass

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

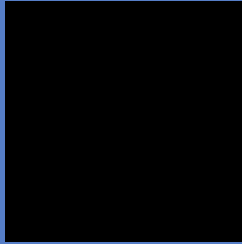
Any Text WCAG AA ✓ Pass

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 567EC7 Background



This preview shows how black text looks on a background with the Hex color 567EC7.

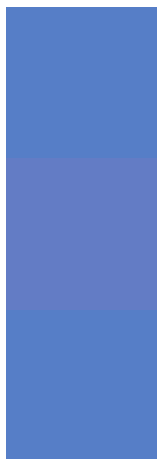


This preview shows how white text looks on a background with the Hex color 567EC7.

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
567EC7

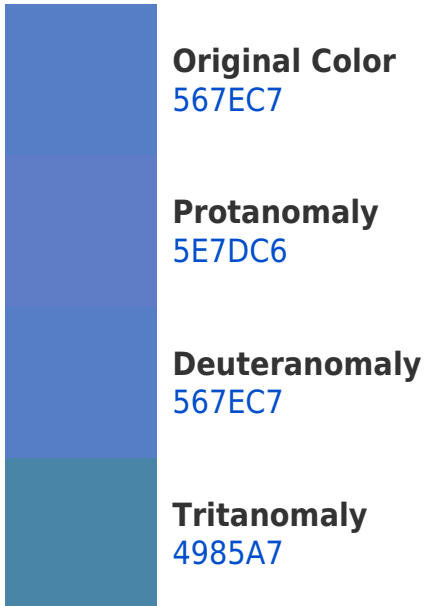
Protanopia
637CC5

Deuteranopia
567EC7

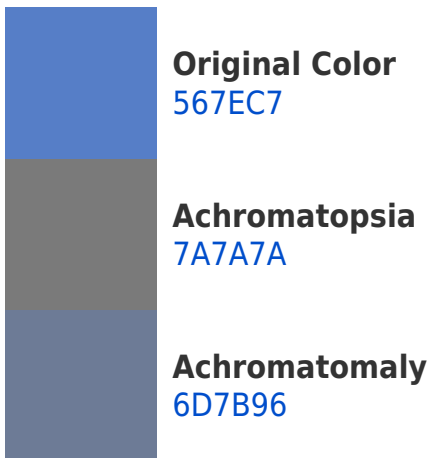


Tritanopia
428994

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 567EC7 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 #567EC7 looks like.

```
.text, #text, p{  
    color:#567EC7  
}
```

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 #567EC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #567EC7
}
```

Border

The CSS property to change the border of an element to Hex 567EC7 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
#567EC7 }
```

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

```
.border{ border-color:#567EC7 }
```

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

Here you see how a box with a 4 pixel #567EC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #567EC7; -webkit-box-shadow:4px 4px  
4px 4px #567EC7; box-shadow:4px 4px 4px  
4px #567EC7 }
```

Background

The CSS property to change the background color of an element to Hex 567EC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#567EC7 }
```

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

```
.background{ background-color:#567EC7 }
```

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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