

Converting Colors

Hex(587BC7)

Have a look what the booklet for
Hex(587BC7) contains.

Hex(587BC7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(587BC7)

Conversions

Conversions Part 1

Format	Color
Hex	587BC7
RGB	88, 123, 199
RGB Percent	35%, 48%, 78%
CMY	0.6549, 0.5176, 0.2196
CMYK	0.56, 0.38, 0.00, 0.22
HSL	221°, 50%, 56%
HSV	221°, 56%, 78%
XYZ	21.4163, 20.3641, 56.8347
YIQ	121.1990, -45.2560, 16.2160

Conversions

Conversions Part 2

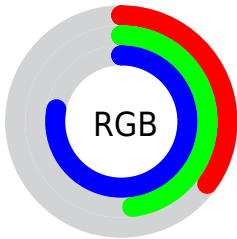
Format	Color
R_{YB}	88, 115, 199
Decimal	5798855
CIE _{Lab}	52.25, 10.09, -43.37
CIE _{LCh}	52, 44.525, 283.098
Yxy	20.3641, 0.2172, 0.2065
Android (android.graphics.Color)	4283988935 (0xFF587BC7)
YUV	121.1990, 38.3559, -29.1155
Hunter-Lab	45.1267, 5.7411, -43.0841

Details

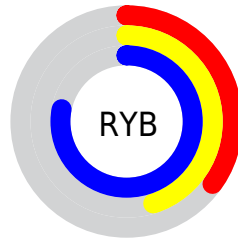
The Hex color **587BC7** is a dark color, and the websafe version is hex **666699**. The color can be described as middle muted azure. A complement of this color would be **C7A458**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **91AFFF**, and **154B91** is the 20% darker color. If you saturate the color by 10%, you get **446DC7**, and if you desaturate by 10%, it is **6C89C7**.

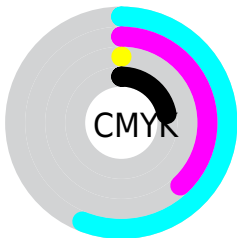
Distribution



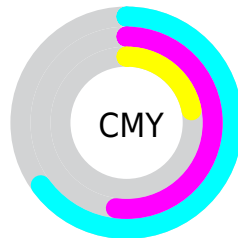
- Red (35%)
- Green (48%)
- Blue (78%)



- Red (35%)
- Yellow (45%)
- Blue (78%)



- Cyan (56%)
- Magenta (38%)
- Yellow (0%)
- Black (22%)



- Cyan (65%)
- Magenta (52%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 587BC7 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 587BC7 by changing the saturation by 10% instead.

■ 587BC7

■ 587BC7

FFFFFF

■ 3A62AB

■ 91AFFF

■ 154B91

■ AECAFF

■ 003577

■ CBE6FF

■ 00205D

■ E8FFFF

■ 000845

■ 00042E

■ 000119

■ 000000

■ 587BC7

■ 587BC7

■ 446DC7

■ 6C89C7

■ 3060C7

■ 8096C7

■ 1C52C7

■ 94A4C7

■ 0844C7

■ A8B2C7

■ 003FC7

■ BCBFC7

■ CFCDC7

■ E3DAC7

■ F7E8C7

■ FFF6C7

Harmonies

Analogous

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



0087C5



587BC7



956CB5

Triad

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



587BC7



BC654A



048E65

Complementary

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



587BC7



C7A458

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.



588942



587BC7



A47332

Square

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



587BC7



C45B6D



82802E



00908D

Rectangle

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



587BC7



AF62A0



82802E



308D59

Sweetspot

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



587BC7



D4E1FF



58C7A4



666E80



000000



808080

Same Dimension

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



587BC7



548AFF



6C58C7



5A5D63



0033A3



000B24

Inverse Universe

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



C7587B



FF548A



B3C758



635A5D



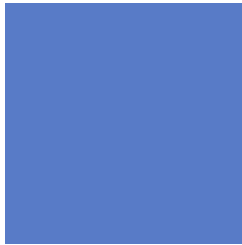
A30033



24000B

Previews

White Background



This preview shows how the Hex color 587BC7 looks on a white background.

Color Contrast Check

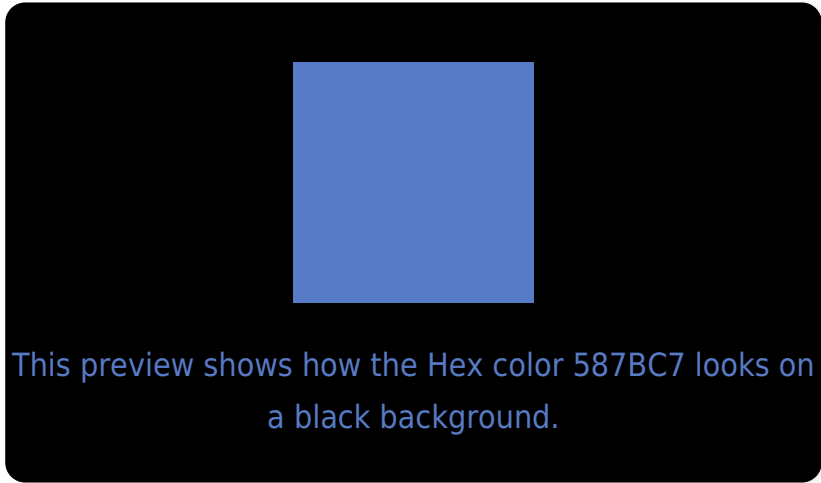
Large Text (above 18pt) WCAG AA ✓ Pass

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

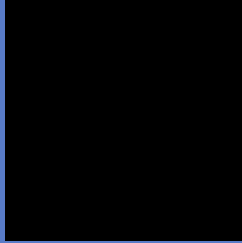
Any Text WCAG AA ✓ Pass

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 587BC7 Background



This preview shows how black text looks on a background with the Hex color 587BC7.

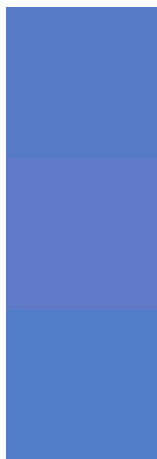


This preview shows how white text looks on a background with the Hex color 587BC7.

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
587BC7

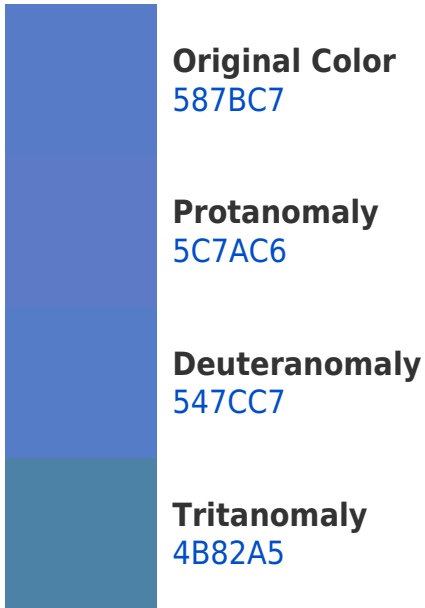
Protanopia
5F7AC6

Deuteranopia
517CC7

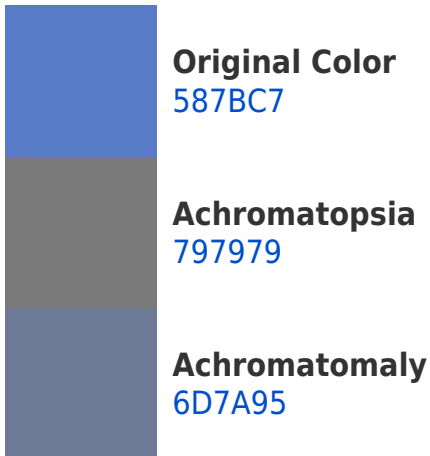


Tritanopia
438691

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 587BC7 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 #587BC7 looks like.

```
.text, #text, p{  
    color:#587BC7  
}
```

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 #587BC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #587BC7
}
```

Border

The CSS property to change the border of an element to Hex 587BC7 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
#587BC7 }
```

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

```
.border{ border-color:#587BC7 }
```

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

Here you see how a box with a 4 pixel #587BC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #587BC7; -webkit-box-shadow:4px 4px  
4px 4px #587BC7; box-shadow:4px 4px 4px  
4px #587BC7 }
```

Background

The CSS property to change the background color of an element to Hex 587BC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#587BC7 }
```

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

```
.background{ background-color:#587BC7 }
```

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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