

Converting Colors

Hex(587BE8)

Have a look what the booklet for
Hex(587BE8) contains.

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Color

Hex(587BE8)

Conversions

Conversions Part 1

Format	Color
Hex	587BE8
RGB	88, 123, 232
RGB Percent	35%, 48%, 91%
CMY	0.6549, 0.5176, 0.0902
CMYK	0.62, 0.47, 0.00, 0.09
HSL	225°, 76%, 63%
HSV	225°, 62%, 91%
XYZ	25.6729, 22.0668, 79.2501
YIQ	124.9610, -55.8490, 26.4790

Conversions

Conversions Part 2

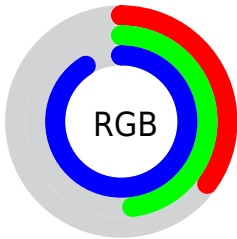
Format	Color
R _Y B	88, 116, 232
Decimal	5798888
CIE Lab	54.10, 21.06, -59.05
CIE LCh	54, 62.691, 289.632
Yxy	22.0668, 0.2022, 0.1738
Android (android.graphics.Color)	4283988968 (0xFF587BE8)
YUV	124.9610, 52.7702, -32.4148
Hunter-Lab	46.9753, 15.3469, -67.1430

Details

The Hex color **587BE8** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **E8C558**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **95AFFF**, and **004BB0** is the 20% darker color. If you saturate the color by 10%, you get **4169E8**, and if you desaturate by 10%, it is **6F8DE8**.

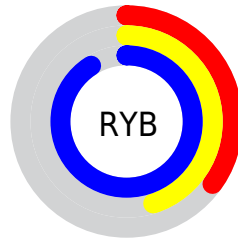
Distribution



Red (35%)

Green (48%)

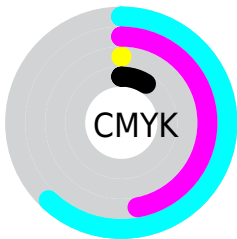
Blue (91%)



Red (35%)

Yellow (45%)

Blue (91%)

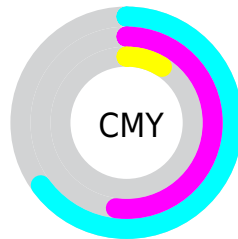


Cyan (62%)

Magenta (47%)

Yellow (0%)

Black (9%)



Cyan (65%)

Magenta (52%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 587BE8 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 587BE8 by changing the saturation by 10% instead.

■ 587BE8

■ 587BE8

FFFFFF

■ 3562CB

■ 95AFFE

■ 004BB0

■ B3CAFF

■ 003594

■ D1E6FF

■ 00217A

■ F0FFFF

■ 000D60

■ 000848

■ 000430

■ 00011A

■ 000000

■ 587BE8

■ 587BE8

■ 4169E8

■ 6F8DE8

■ 2A58E8

■ 869EE8

■ 1246E8

■ 9EB0E8

■ 0038E8

■ B5C1E8

■ CCD3E8

■ E3E4E8

■ FAF6E8

■ FFFF8

Harmonies

Analogous

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



008DEC



587BE8



AF62C8

Triad

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



587BE8



CF612F



00996C

Complementary

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



587BE8



E8C558

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.



329436



587BE8



AB7800

Square

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



587BE8



E14C60



798900



009AA4

Rectangle

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



587BE8



CF52A8



798900



009859

Sweetspot

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



587BE8



CFDAFF



58E8C4



626980



000000



808080

Same Dimension

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



587BE8



4270FF



7C58E8



676A73



002BB3



000C33

Inverse Universe

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



E8587B



FF4270



C4E858



73676A



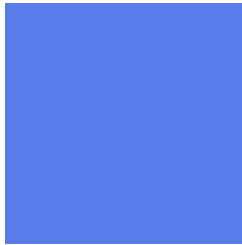
B3002B



33000C

Previews

White Background



This preview shows how the Hex color 587BE8 looks on a white background.

Color Contrast Check

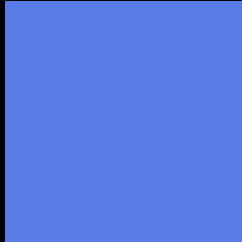
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 587BE8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

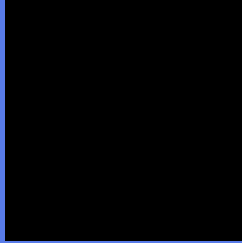
Any Text WCAG AA ✓ Pass

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 587BE8 Background



This preview shows how black text looks on a background with the Hex color 587BE8.



This preview shows how white text looks on a background with the Hex color 587BE8.

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](#).

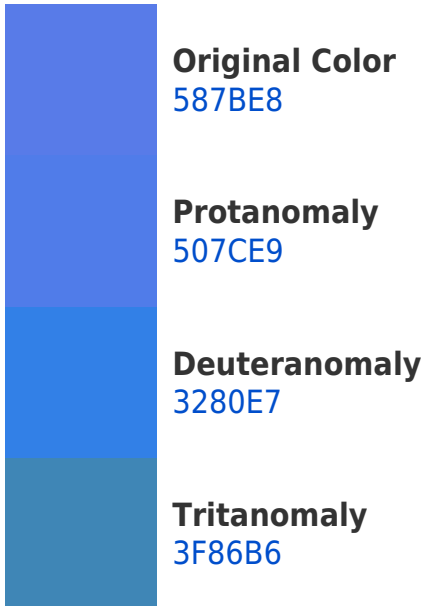
Dichromacy



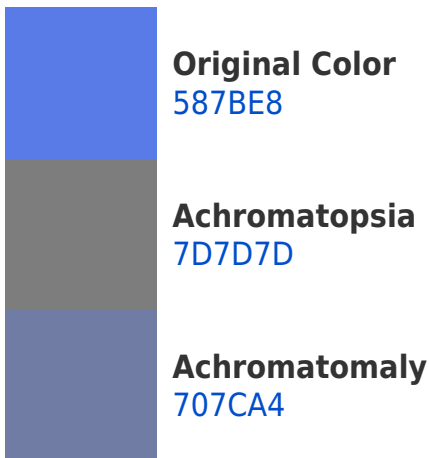


Tritanopia
308D99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 587BE8 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 #587BE8 looks like.

```
.text, #text, p{  
    color:#587BE8  
}
```

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 #587BE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #587BE8
}
```

Border

The CSS property to change the border of an element to Hex 587BE8 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
#587BE8 }
```

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

```
.border{ border-color:#587BE8 }
```

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

Here you see how a box with a 4 pixel #587BE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #587BE8; -webkit-box-shadow:4px 4px  
4px 4px #587BE8; box-shadow:4px 4px 4px  
4px #587BE8 }
```

Background

The CSS property to change the background color of an element to Hex 587BE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#587BE8 }
```

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

```
.background{ background-color:#587BE8 }
```

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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