

Converting Colors

Hex(5D8BE7)

Have a look what the booklet for
Hex(5D8BE7) contains.

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Color

Hex(5D8BE7)

Conversions

Conversions Part 1

Format	Color
Hex	5D8BE7
RGB	93, 139, 231
RGB Percent	36%, 55%, 91%
CMY	0.6353, 0.4549, 0.0941
CMYK	0.60, 0.40, 0.00, 0.09
HSL	220°, 74%, 64%
HSV	220°, 60%, 91%
XYZ	28.1706, 26.5619, 79.2435
YIQ	135.7340, -56.9480, 18.8600

Conversions

Conversions Part 2

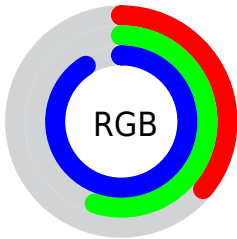
Format	Color
RYB	93, 128, 231
Decimal	6130663
CIELab	58.57, 11.96, -51.34
CIELCh	59, 52.711, 283.114
Yxy	26.5619, 0.2103, 0.1983
Android (android.graphics.Color)	4284320743 (0xFF5D8BE7)
YUV	135.7340, 46.9661, -37.4777
Hunter-Lab	51.5383, 7.3755, -55.0856

Details

The Hex color **5D8BE7** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **E7B95D**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **99C0FF**, and **0B5AAF** is the 20% darker color. If you saturate the color by 10%, you get **467CE7**, and if you desaturate by 10%, it is **749AE7**.

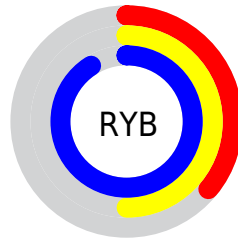
Distribution



Red (36%)

Green (55%)

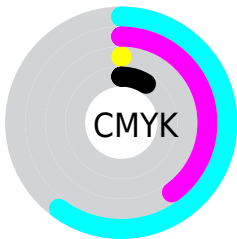
Blue (91%)



Red (36%)

Yellow (50%)

Blue (91%)

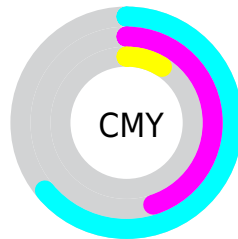


Cyan (60%)

Magenta (40%)

Yellow (0%)

Black (9%)



Cyan (64%)

Magenta (45%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D8BE7 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 5D8BE7 by changing the saturation by 10% instead.

■ 5D8BE7

■ 5D8BE7

FFFFFF

■ 3C72CB

■ 99C0FF

■ 0B5AAF

■ B7DCFF

■ 004394

■ D4F8FF

■ 002D79

■ F3FFFF

■ 001A60

■ 000448

■ 000430

■ 00011A

■ 000000

■ 5D8BE7

■ 5D8BE7

■ 467CE7

■ 749AE7

■ 2F6CE7

■ 8BAAE7

■ 185DE7

■ A2B9E7

■ 014DE7

■ B9C9E7

■ 004DE7

■ D0D8E7

■ E8E7E7

■ FFF7E7

■ FFFFE7

Harmonies

Analogous

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



0099E5



5D8BE7



AA78D1

Triad

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



5D8BE7



D86F50



00A270

Complementary

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



5D8BE7



E7B95D

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.



5F9C46



5D8BE7



BC8131

Square

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



5D8BE7



E2637A



93912B



00A4A0

Rectangle

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



5D8BE7



C96CB7



93912B



2AA061

Sweetspot

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



5D8BE7



D1E0FF



5DE7B9



636D80



000000



808080

Same Dimension

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



5D8BE7



4785FF



745DE7



676B73



003BB3



001133

Inverse Universe

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



E75D8B



FF4785



D0E75D



73676B



B3003B



330011

Previews

White Background



This preview shows how the Hex color 5D8BE7 looks on a white background.

Color Contrast Check

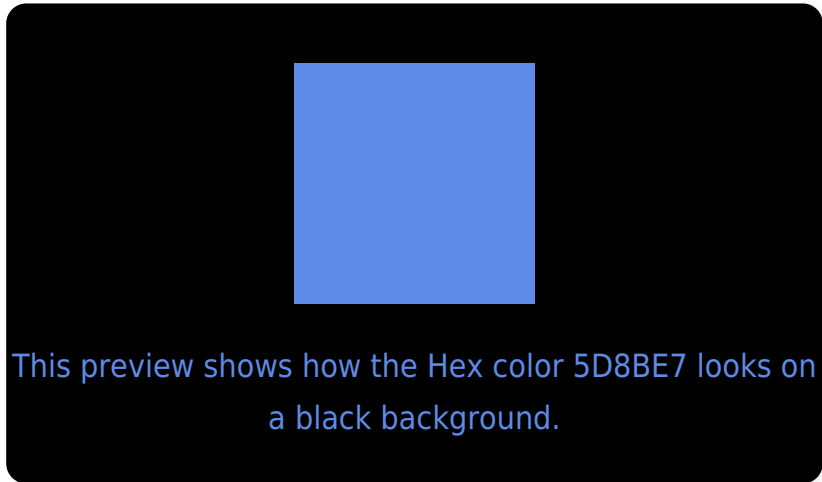
Large Text (above 18pt) WCAG AA ✓ Pass

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

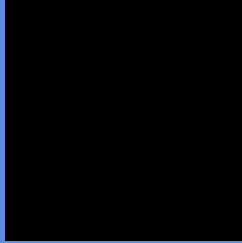
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

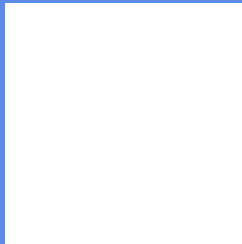
Any Text WCAG AAA × Fail

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

Hex 5D8BE7 Background



This preview shows how black text looks on a background with the Hex color 5D8BE7.

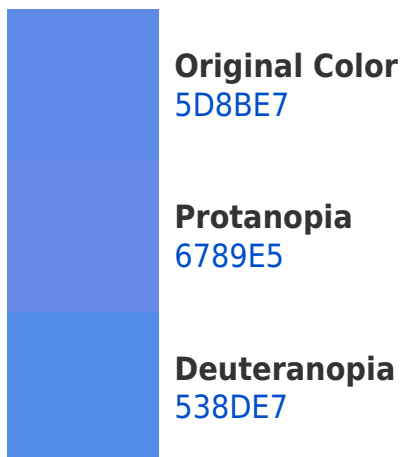


This preview shows how white text looks on a background with the Hex color 5D8BE7.

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](#).

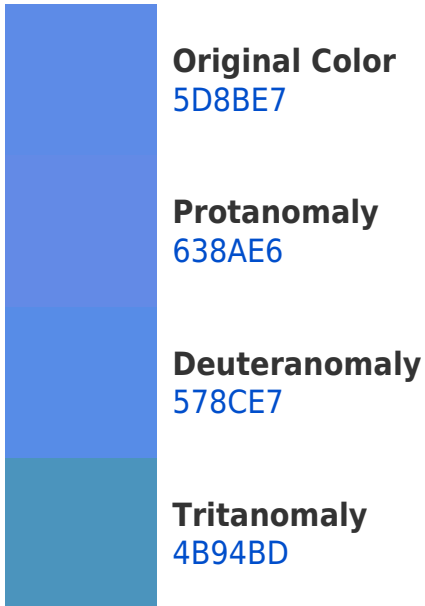
Dichromacy





Tritanopia
4099A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5D8BE7 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 #5D8BE7 looks like.

```
.text, #text, p{  
    color:#5D8BE7  
}
```

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 #5D8BE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D8BE7
}
```

Border

The CSS property to change the border of an element to Hex 5D8BE7 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
#5D8BE7 }
```

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

```
.border{ border-color:#5D8BE7 }
```

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

Here you see how a box with a 4 pixel #5D8BE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D8BE7; -webkit-box-shadow:4px 4px  
4px 4px #5D8BE7; box-shadow:4px 4px 4px  
4px #5D8BE7 }
```

Background

The CSS property to change the background color of an element to Hex 5D8BE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D8BE7 }
```

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

```
.background{ background-color:#5D8BE7 }
```

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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