

Converting Colors

Hex(5B6DED)

Have a look what the booklet for
Hex(5B6DED) contains.

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Color

Hex(5B6DED)

Conversions

Conversions Part 1

Format	Color
Hex	5B6DED
RGB	91, 109, 237
RGB Percent	36%, 43%, 93%
CMY	0.6431, 0.5725, 0.0706
CMYK	0.62, 0.54, 0.00, 0.07
HSL	233°, 80%, 64%
HSV	233°, 62%, 93%
XYZ	25.0691, 19.2758, 82.5201
YIQ	118.2100, -51.8160, 35.9920

Conversions

Conversions Part 2

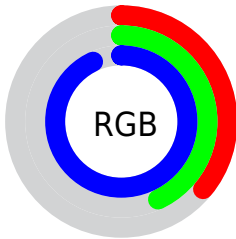
Format	Color
R_{YB}	91, 107, 237
Decimal	5991917
CIE _{Lab}	51.01, 31.82, -66.81
CIE _{LCh}	51, 74.007, 295.469
Yxy	19.2758, 0.1976, 0.1519
Android (android.graphics.Color)	4284181997 (0xFF5B6DED)
YUV	118.2100, 58.5635, -23.8632
Hunter-Lab	43.9043, 25.0900, -80.7053

Details

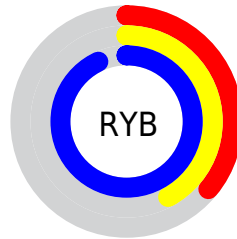
The Hex color **5B6DED** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted azure. A complement of this color would be **EDDB5B**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **99A0FF**, and **003EB4** is the 20% darker color. If you saturate the color by 10%, you get **4358ED**, and if you desaturate by 10%, it is **7382ED**.

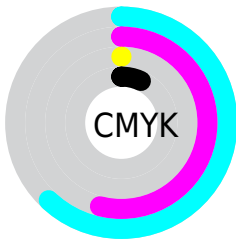
Distribution



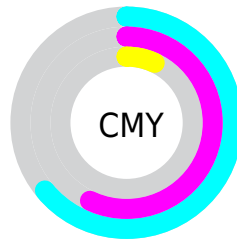
- Red (36%)
- Green (43%)
- Blue (93%)



- Red (36%)
- Yellow (42%)
- Blue (93%)



- Cyan (62%)
- Magenta (54%)
- Yellow (0%)
- Black (7%)



- Cyan (64%)
- Magenta (57%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B6DED 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 5B6DED by changing the saturation by 10% instead.

■ 5B6DED

■ 5B6DED

FFFFFF

■ 3855D0

■ 99A0FF

■ 003EB4

■ B7BBFF

■ 002999

■ D6D7FF

■ 00167E

■ F4F3FF

■ 000064

■ 00094B

■ 000434

■ 00021D

■ 000000

■ 5B6DED

■ 5B6DED

■ 4358ED

■ 7382ED

■ 2C43ED

■ 8A97ED

■ 142FED

■ A2ABED

■ 001DED

■ BAC0ED

■ D2D5ED

■ E9EAED

■ FFFEED

■ FFFFED

Harmonies

Analogous

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



0085F9



5B6DED



BA4AC2

Triad

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



5B6DED



C95700



00946E

Complementary

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



5B6DED



EDDB5B

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.



008F2A



5B6DED



9B7400

Square

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



5B6DED



E43348



5F8600



0095AE

Rectangle

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



5B6DED



D9309B



5F8600



009357

Sweetspot

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



5B6DED



D1D7FF



5BEDDA



636780



000000



808080

Same Dimension

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



5B6DED



425AFF



915BED



6A6B75



0016B5



000736

Inverse Universe

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



ED5B6D



FF425A



B7ED5B



756A6B



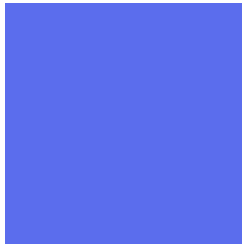
B50016



360007

Previews

White Background



This preview shows how the Hex color 5B6DED looks on a white background.

Color Contrast Check

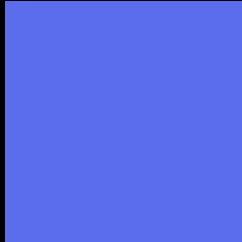
Large Text (above 18pt) WCAG AA ✓ Pass

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 5B6DED looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

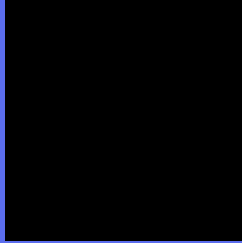
Any Text WCAG AA ✓ Pass

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 5B6DED Background



This preview shows how black text looks on a background with the Hex color 5B6DED.

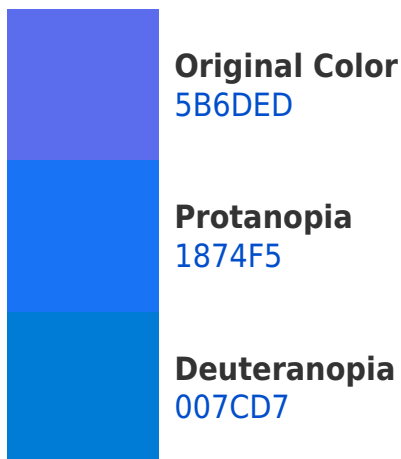


This preview shows how white text looks on a background with the Hex color 5B6DED.

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](#).

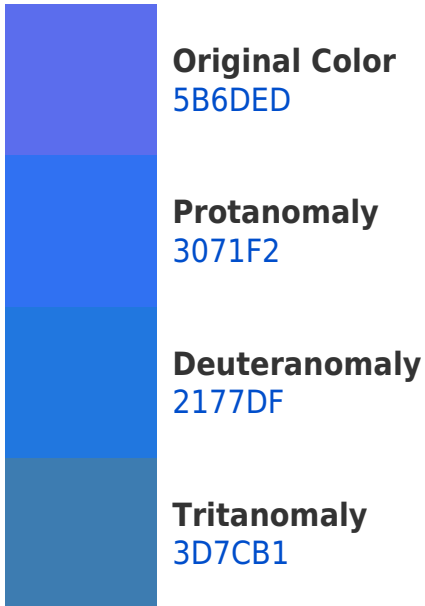
Dichromacy





Tritanopia
2C858F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5B6DED 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 #5B6DED looks like.

```
.text, #text, p{  
    color:#5B6DED  
}
```

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 #5B6DED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B6DED
}
```

Border

The CSS property to change the border of an element to Hex 5B6DED 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
#5B6DED }
```

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

```
.border{ border-color:#5B6DED }
```

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

Here you see how a box with a 4 pixel #5B6DED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B6DED; -webkit-box-shadow:4px 4px  
4px 4px #5B6DED; box-shadow:4px 4px 4px  
4px #5B6DED }
```

Background

The CSS property to change the background color of an element to Hex 5B6DED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B6DED }
```

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

```
.background{ background-color:#5B6DED }
```

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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