

Converting Colors

Hex(5B62ED)

Have a look what the booklet for
Hex(5B62ED) contains.

Hex(5B62ED)	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(5B62ED)

Conversions

Conversions Part 1

Format	Color
Hex	5B62ED
RGB	91, 98, 237
RGB Percent	36%, 38%, 93%
CMY	0.6431, 0.6157, 0.0706
CMYK	0.62, 0.59, 0.00, 0.07
HSL	237°, 80%, 64%
HSV	237°, 62%, 93%
XYZ	23.9681, 17.0739, 82.1531
YIQ	111.7530, -48.7910, 41.7450

Conversions

Conversions Part 2

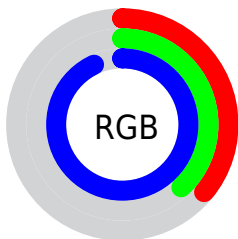
Format	Color
R_{YB}	91, 98, 237
Decimal	5989101
CIE Lab	48.35, 38.51, -71.12
CIE LCh	48, 80.876, 298.431
Yxy	17.0739, 0.1946, 0.1386
Android (android.graphics.Color)	4284179181 (0xFF5B62ED)
YUV	111.7530, 61.7468, -18.2004
Hunter-Lab	41.3206, 31.2283, -88.9552

Details

The Hex color **5B62ED** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted azure. A complement of this color would be **EDE65B**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **9A95FF**, and **0034B4** is the 20% darker color. If you saturate the color by 10%, you get **434BED**, and if you desaturate by 10%, it is **7379ED**.

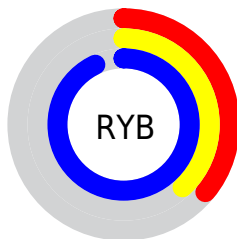
Distribution



Red (36%)

Green (38%)

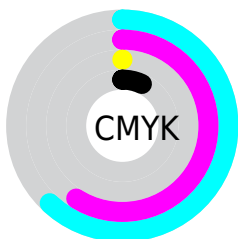
Blue (93%)



Red (36%)

Yellow (38%)

Blue (93%)

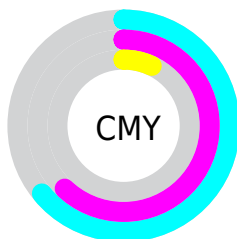


Cyan (62%)

Magenta (59%)

Yellow (0%)

Black (7%)



Cyan (64%)

Magenta (62%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B62ED 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 5B62ED by changing the saturation by 10% instead.

 5B62ED

 5B62ED

FFFFFF

 374AD0

 9A95FF

 0034B4

 B8B0FF

 001F98

 D7CBFF

 000C7E

 F5E7FF

 000064

 00094B

 000433

 00021D

 000000

 5B62ED

 5B62ED

 434BED

 7379ED

 2C35ED

 8A8FED

 141EED

 A2A6ED

 000BED

 BABCED

 D2D3ED

 E9E9ED

 FFFFED

Harmonies

Analogous

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



007DFE



5B62ED



BE34BC

Triad

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



5B62ED



C25000



008E6D

Complementary

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



5B62ED



EDE65B

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.



008A21



5B62ED



8F6F00

Square

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



5B62ED



E11A37



4A8100



008FB3

Rectangle

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



5B62ED



DC0090



4A8100



008D55

Sweetspot

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



5B62ED



D1D3FF



5BEDE6



636580



000000



808080

Same Dimension

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



5B62ED



424BFF



9D5BED



6A6A75



0009B5



000336

Inverse Universe

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



ED5B62



FF424B



ABED5B



756A6A



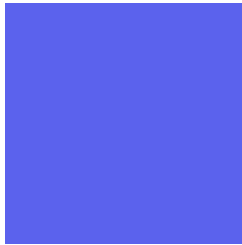
B50009



360003

Previews

White Background



This preview shows how the Hex color 5B62ED looks on a white background.

Color Contrast Check

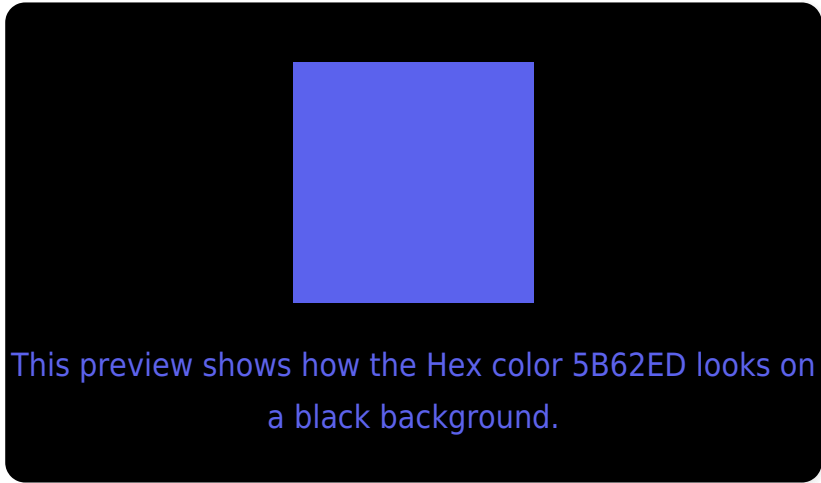
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

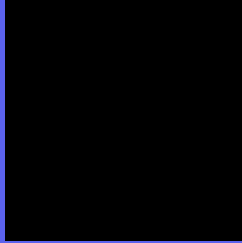
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 5B62ED Background



This preview shows how black text looks on a background with the Hex color 5B62ED.

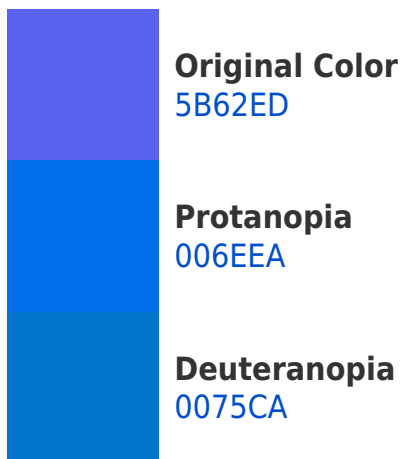


This preview shows how white text looks on a background with the Hex color 5B62ED.

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](#).

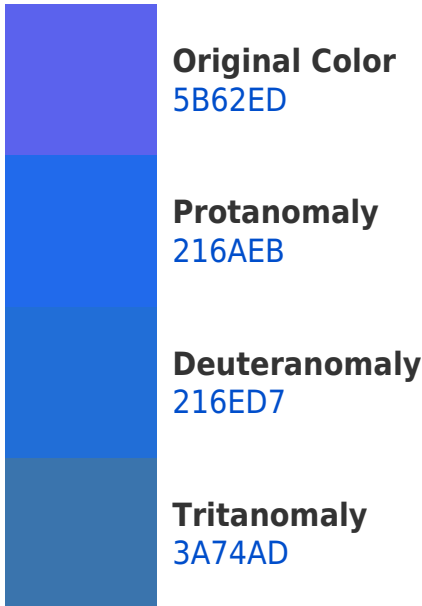
Dichromacy





Tritanopia
277E88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5B62ED 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 #5B62ED looks like.

```
.text, #text, p{  
    color:#5B62ED  
}
```

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 #5B62ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B62ED
}
```

Border

The CSS property to change the border of an element to Hex 5B62ED 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
#5B62ED }
```

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

```
.border{ border-color:#5B62ED }
```

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

Here you see how a box with a 4 pixel #5B62ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B62ED; -webkit-box-shadow:4px 4px  
4px 4px #5B62ED; box-shadow:4px 4px 4px  
4px #5B62ED }
```

Background

The CSS property to change the background color of an element to Hex 5B62ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B62ED }
```

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

```
.background{ background-color:#5B62ED }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor