

Converting Colors

Hex(5B64FF)

Have a look what the booklet for
Hex(5B64FF) contains.

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Color

Hex(5B64FF)

Conversions

Conversions Part 1

Format	Color
Hex	5B64FF
RGB	91, 100, 255
RGB Percent	36%, 39%, 100%
CMY	0.6431, 0.6078, 0.0000
CMYK	0.64, 0.61, 0.00, 0.00
HSL	237°, 100%, 68%
HSV	237°, 64%, 100%
XYZ	26.9216, 18.5585, 96.7710
YIQ	114.9790, -55.1190, 46.2970

Conversions

Conversions Part 2

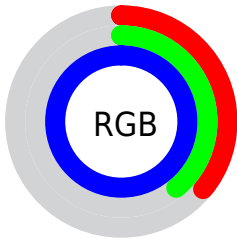
Format	Color
R _Y B	91, 100, 255
Decimal	5989631
CIE _{Lab}	50.17, 43.16, -78.21
CIE _{LCh}	50, 89.331, 298.894
Yxy	18.5585, 0.1893, 0.1305
Android (android.graphics.Color)	4284179711 (0xFF5B64FF)
YUV	114.9790, 69.0304, -21.0296
Hunter-Lab	43.0796, 36.1601, -103.0293

Details

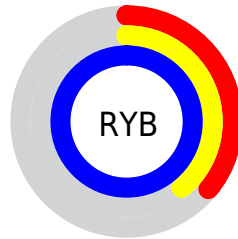
The Hex color **5B64FF** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted azure. A complement of this color would be **FFF65B**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **9C97FF**, and **0035C5** is the 20% darker color. If you saturate the color by 10%, you get **424CFF**, and if you desaturate by 10%, it is **757CFF**.

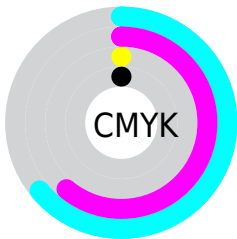
Distribution



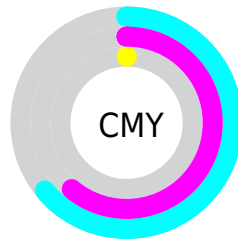
- Red (36%)
- Green (39%)
- Blue (100%)



- Red (36%)
- Yellow (39%)
- Blue (100%)



- Cyan (64%)
- Magenta (61%)
- Yellow (0%)
- Black (0%)



- Cyan (64%)
- Magenta (61%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B64FF 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 5B64FF by changing the saturation by 10% instead.

 5B64FF

 5B64FF

FFFFFF

 334CE2

 9C97FF

 0035C5

 BCB2FF

 0020A9

 DBCDFF

 000D8E

 FAEAFF

 000073

 000C59

 000741

 00032A

 000114

■ 5B64FF

■ 5B64FF

■ 424CFF

■ 757CFF

■ 2834FF

■ 8E94FF

■ 0F1CFF

■ A8ACFF

■ 000EFF

■ C1C4FF

■ DBDDFF

■ F4F5FF

FFFFFF

Harmonies

Analogous

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



0083FF



5B64FF



CC2AC7

Triad

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



5B64FF



CD5000



009572

Complementary

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



5B64FF



FFF65B

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.



00911B



5B64FF



947400

Square

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



5B64FF



F00034



468700



0096C0

Rectangle

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



5B64FF



EC0097



468700



009457

Sweetspot

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



5B64FF



CFD1FF



5BFFF4



626480



000000



808080

Same Dimension

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



5B64FF



3B45FF



A25BFF



737380



000ABF



000340

Inverse Universe

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



FF5B64



FF3B45



B8FF5B



807373



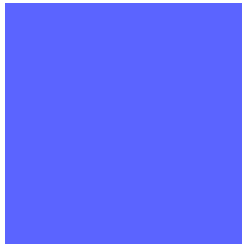
BF000A



400003

Previews

White Background



This preview shows how the Hex color 5B64FF looks on a white background.

Color Contrast Check

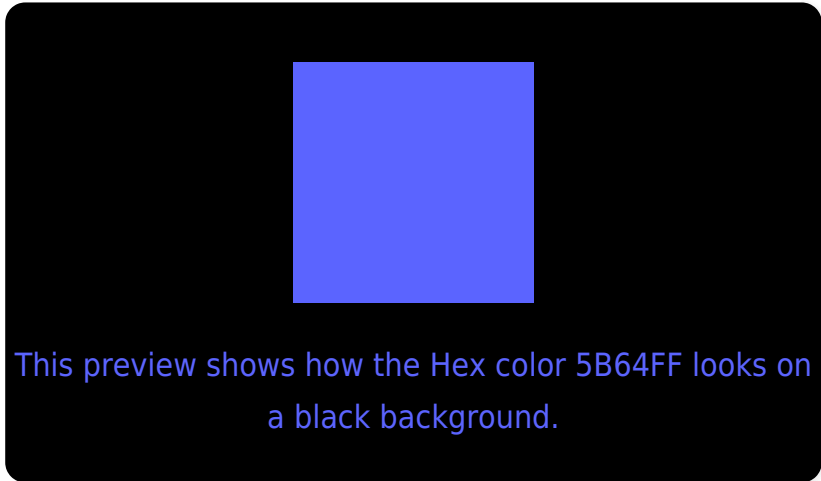
Large Text (above 18pt) WCAG AA ✓ Pass

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

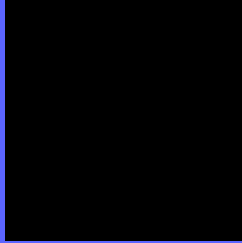
Any Text WCAG AA ✓ Pass

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 5B64FF Background



This preview shows how black text looks on a background with the Hex color 5B64FF.

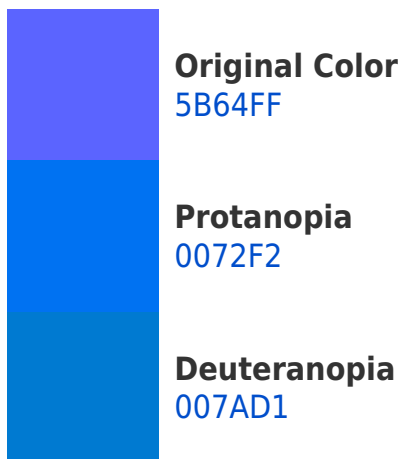


This preview shows how white text looks on a background with the Hex color 5B64FF.

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](#).

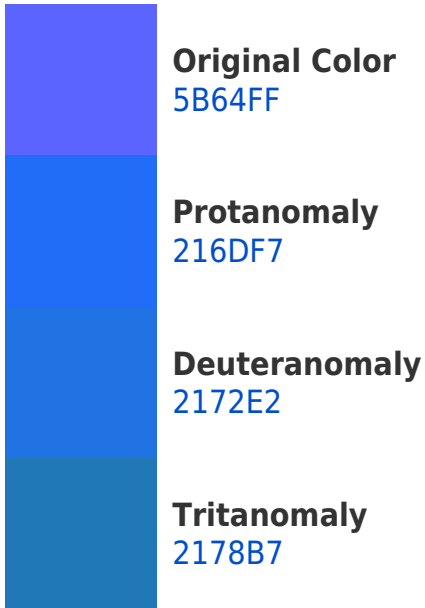
Dichromacy





Tritanopia
00848E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5B64FF 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 #5B64FF looks like.

```
.text, #text, p{  
    color:#5B64FF  
}
```

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 #5B64FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B64FF
}
```

Border

The CSS property to change the border of an element to Hex 5B64FF 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
#5B64FF }
```

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

```
.border{ border-color:#5B64FF }
```

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

Here you see how a box with a 4 pixel #5B64FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B64FF; -webkit-box-shadow:4px 4px  
4px 4px #5B64FF; box-shadow:4px 4px 4px  
4px #5B64FF }
```

Background

The CSS property to change the background color of an element to Hex 5B64FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B64FF }
```

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

```
.background{ background-color:#5B64FF }
```

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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