

Converting Colors

Hex(5E68F6)

Have a look what the booklet for
Hex(5E68F6) contains.

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Color

Hex(5E68F6)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 5E68F6 |
| RGB | 94, 104, 246 |
| RGB Percent | 37%, 41%, 96% |
| CMY | 0.6314, 0.5922, 0.0353 |
| CMYK | 0.62, 0.58, 0.00, 0.04 |
| HSL | 236°, 89%, 67% |
| HSV | 236°, 62%, 96% |
| XYZ | 26.2010, 18.9341, 89.4625 |
| YIQ | 117.1980, -51.5420, 42.0420 |

Conversions

Conversions Part 2

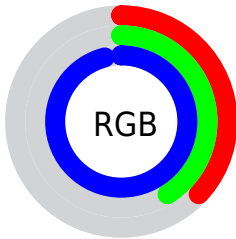
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 94, 103, 246 |
| Decimal | 6187254 |
| CIE Lab | 50.61, 38.30, -72.48 |
| CIE LCh | 51, 81.974, 297.852 |
| Yxy | 18.9341, 0.1947, 0.1407 |
| Android (android.graphics.Color) | 4284377334 (0xFF5E68F6) |
| YUV | 117.1980, 63.4994, -20.3446 |
| Hunter-Lab | 43.5134, 31.3329, -91.4395 |

Details

The Hex color **5E68F6** 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 **F6EC5E**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **9D9BFF**, and **0039BD** is the 20% darker color. If you saturate the color by 10%, you get **4551F6**, and if you desaturate by 10%, it is **777FF6**.

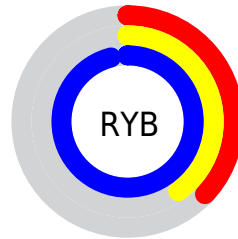
Distribution



Red (37%)

Green (41%)

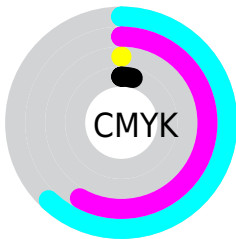
Blue (96%)



Red (37%)

Yellow (40%)

Blue (96%)

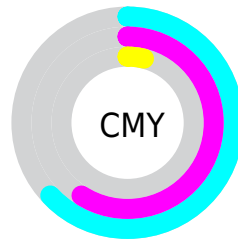


Cyan (62%)

Magenta (58%)

Yellow (0%)

Black (4%)



Cyan (63%)

Magenta (59%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E68F6 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 5E68F6 by changing the saturation by 10% instead.

■ 5E68F6

■ 5E68F6

FFFFFF

■ 3A50D9

■ 9D9BFF

■ 0039BD

■ BCB6FF

■ 0024A1

■ DAD2FF

■ 001186

■ F9EEFF

■ 00006C

■ 000B52

■ 00063A

■ 000224

■ 00000B

■ 5E68F6

■ 5E68F6

■ 4551F6

■ 777FF6

■ 2D3AF6

■ 8F96F6

■ 1423F6

■ A8ADF6

■ 0010F6

■ C0C4F6

■ D9DBF6

■ F2F2F6

■ FFFFF6

Harmonies

Analogous

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



0084FF



5E68F6



C53BC4

Triad

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



5E68F6



CB5400



009571

Complementary

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



5E68F6



F6EC5E

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.



009124



5E68F6



977400

Square

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



5E68F6



EA213C



528700



0095B9

Rectangle

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



5E68F6



E40B98



528700



009459

Sweetspot

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



5E68F6



CFD2FF



5EF6EC



626480



000000



808080

Same Dimension

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



5E68F6



424FFF



A05EF6



6E6F7A



000CBA



00043B

Inverse Universe

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



F65E68



FF424F



B4F65E



7A6E6F



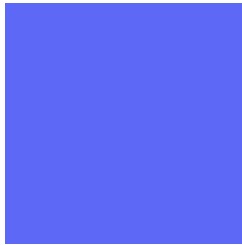
BA000C



3B0004

Previews

White Background



This preview shows how the Hex color 5E68F6 looks on a white background.

Color Contrast Check

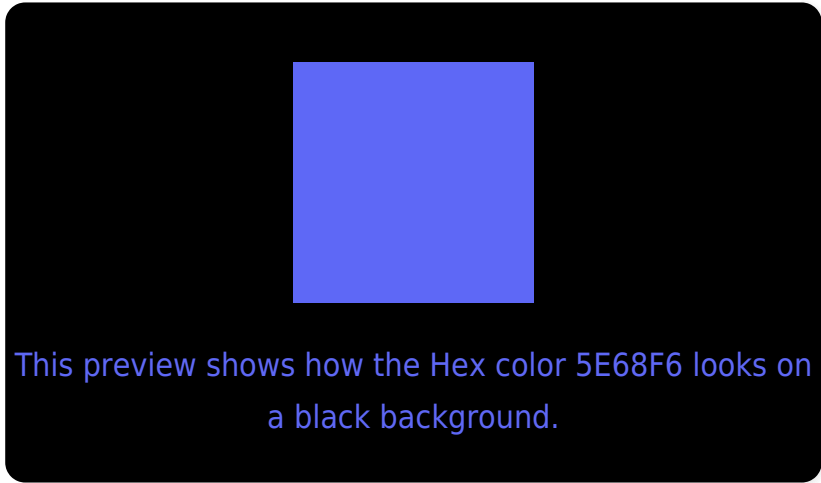
Large Text (above 18pt) WCAG AA ✓ Pass

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 5E68F6 Background



This preview shows how black text looks on a background with the Hex color 5E68F6.

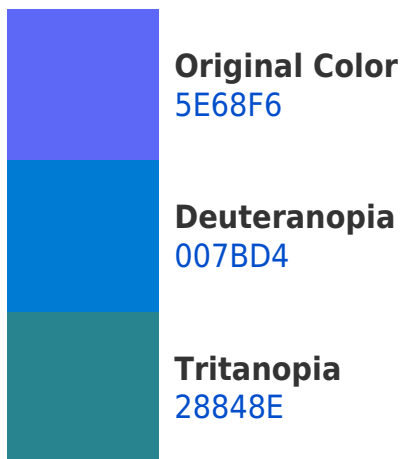


This preview shows how white text looks on a background with the Hex color 5E68F6.

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



Trichromacy



Original Color
5E68F6

Deuteranomaly
2274E0

Tritanomaly
3C7AB4

Monochromacy



Original Color
5E68F6

Achromatopsia
757575

Achromatomaly
6D70A4

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E68F6 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 #5E68F6 looks like.

```
.text, #text, p{  
    color:#5E68F6  
}
```

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 #5E68F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E68F6
}
```

Border

The CSS property to change the border of an element to Hex 5E68F6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

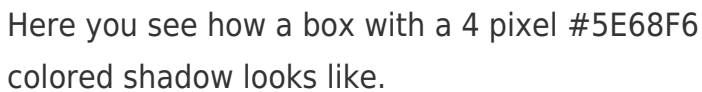
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E68F6 }
```

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

```
.border{ border-color:#5E68F6 }
```

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



Here you see how a box with a 4 pixel #5E68F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E68F6; -webkit-box-shadow:4px 4px  
4px 4px #5E68F6; box-shadow:4px 4px 4px  
4px #5E68F6 }
```

Background

The CSS property to change the background color of an element to Hex 5E68F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E68F6 }
```

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

```
.background{ background-color:#5E68F6 }
```

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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