

Converting Colors

Hex(5E64EF)

Have a look what the booklet for
Hex(5E64EF) contains.

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Color

Hex(5E64EF)

Conversions

Conversions Part 1

Format	Color
Hex	5E64EF
RGB	94, 100, 239
RGB Percent	37%, 39%, 94%
CMY	0.6314, 0.6078, 0.0627
CMYK	0.61, 0.58, 0.00, 0.06
HSL	238°, 82%, 65%
HSV	238°, 61%, 94%
XYZ	24.7533, 17.7260, 83.7782
YIQ	114.0520, -48.1950, 41.9570

Conversions

Conversions Part 2

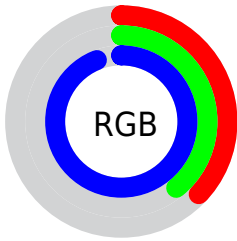
Format	Color
R _Y B	94, 100, 239
Decimal	6186223
CIE Lab	49.16, 38.43, -70.92
CIE LCh	49, 80.663, 298.453
Yxy	17.7260, 0.1961, 0.1404
Android (android.graphics.Color)	4284376303 (0xFF5E64EF)
YUV	114.0520, 61.5994, -17.5856
Hunter-Lab	42.1023, 31.2668, -88.5080

Details

The Hex color **5E64EF** 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 **EFE95E**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **9C97FF**, and **0035B6** is the 20% darker color. If you saturate the color by 10%, you get **464DEF**, and if you desaturate by 10%, it is **767BEF**.

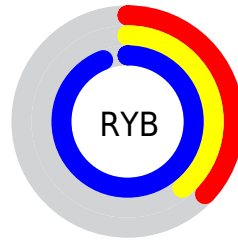
Distribution



Red (37%)

Green (39%)

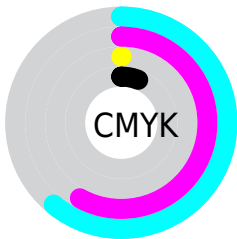
Blue (94%)



Red (37%)

Yellow (39%)

Blue (94%)

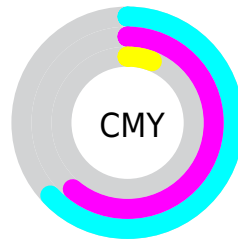


Cyan (61%)

Magenta (58%)

Yellow (0%)

Black (6%)



Cyan (63%)

Magenta (61%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E64EF 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 5E64EF by changing the saturation by 10% instead.

 5E64EF

 5E64EF

FFFFFF

 3B4CD2

 9C97FF

 0035B6

 BBB2FF

 00209A

 D9CDFF

 000E80


 F8EAFF

 000066

 00094C

 000535

 00021F

 000001

 5E64EF


 5E64EF

 464DEF

 767BEF

 2E36EF

 8E92EF

 161FEF

 A6A9EF

 000AEF

 BEC0EF

 D5D7EF

 EDEDEF

 FFFFEF

Harmonies

Analogous

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



007FFF



5E64EF



C037BE

Triad

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



5E64EF



C45200



00906F

Complementary

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



5E64EF



EFE95E

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.



008C24



5E64EF



917100

Square

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



5E64EF



E41F39



4D8300



0091B5

Rectangle

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



5E64EF



DE0392



4D8300



009057

Sweetspot

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



5E64EF



D1D3FF



5EEFE8



636580



000000



808080

Same Dimension

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



5E64EF



454DFF



9F5EEF



6C6C78



0008B8



000238

Inverse Universe

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



EF5E64



FF454D



AEEF5E



786C6C



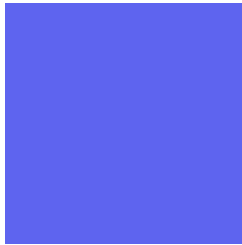
B80008



380002

Previews

White Background



This preview shows how the Hex color 5E64EF looks on a white background.

Color Contrast Check

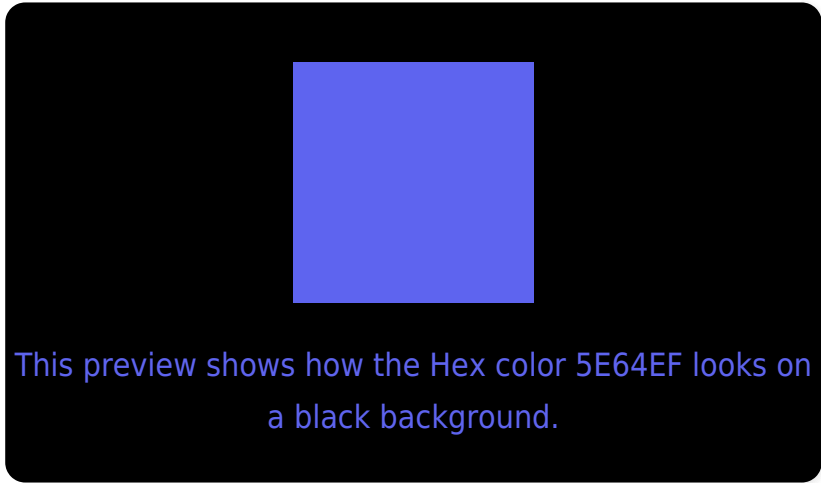
Large Text (above 18pt) WCAG AA ✓ Pass

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

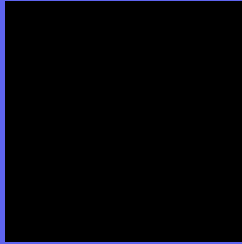
Any Text WCAG AA ✓ Pass

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 5E64EF Background



This preview shows how black text looks on a background with the Hex color 5E64EF.



This preview shows how white text looks on a background with the Hex color 5E64EF.

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](#).

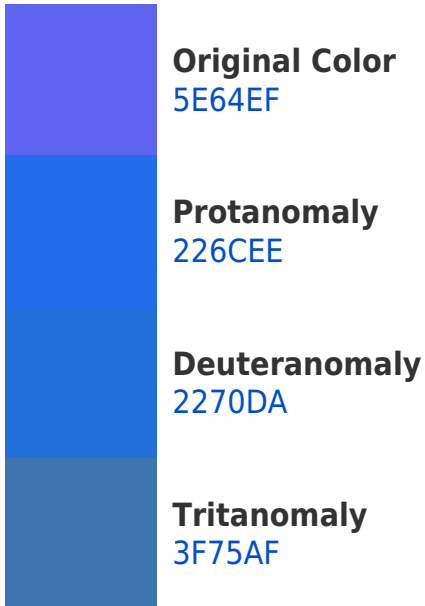
Dichromacy





Tritanopia
2D7F8A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5E64EF 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 #5E64EF looks like.

```
.text, #text, p{  
    color:#5E64EF  
}
```

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 #5E64EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E64EF  
}
```

Border

The CSS property to change the border of an element to Hex 5E64EF 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  
#5E64EF }
```

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

```
.border{ border-color:#5E64EF }
```

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

Here you see how a box with a 4 pixel #5E64EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E64EF; -webkit-box-shadow:4px 4px  
4px 4px #5E64EF; box-shadow:4px 4px 4px  
4px #5E64EF }
```

Background

The CSS property to change the background color of an element to Hex 5E64EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E64EF }
```

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

```
.background{ background-color:#5E64EF }
```

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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