

Converting Colors

Hex(5E63E9)

Have a look what the booklet for
Hex(5E63E9) contains.

Hex(5E63E9)	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(5E63E9)

Conversions

Conversions Part 1

Format	Color
Hex	5E63E9
RGB	94, 99, 233
RGB Percent	37%, 39%, 91%
CMY	0.6314, 0.6118, 0.0863
CMYK	0.60, 0.58, 0.00, 0.09
HSL	238°, 76%, 64%
HSV	238°, 60%, 91%
XYZ	23.7859, 17.1866, 79.1545
YIQ	112.7810, -45.9940, 40.6140

Conversions

Conversions Part 2

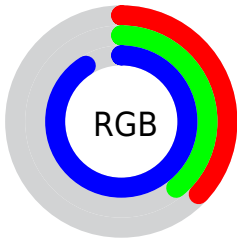
Format	Color
R_{YB}	94, 99, 233
Decimal	6185961
CIE _{Lab}	48.49, 37.09, -68.64
CIE _{LCh}	48, 78.018, 298.389
Yxy	17.1866, 0.1980, 0.1431
Android (android.graphics.Color)	4284376041 (0xFF5E63E9)
YUV	112.7810, 59.2680, -16.4709
Hunter-Lab	41.4567, 29.8658, -84.1845

Details

The Hex color **5E63E9** 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 **E9E45E**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **9C96FF**, and **0134B0** is the 20% darker color. If you saturate the color by 10%, you get **474DE9**, and if you desaturate by 10%, it is **7579E9**.

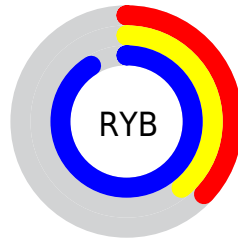
Distribution



Red (37%)

Green (39%)

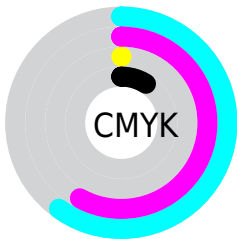
Blue (91%)



Red (37%)

Yellow (39%)

Blue (91%)

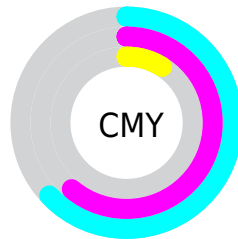


Cyan (60%)

Magenta (58%)

Yellow (0%)

Black (9%)



Cyan (63%)

Magenta (61%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E63E9 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 5E63E9 by changing the saturation by 10% instead.

■ 5E63E9

■ 5E63E9

FFFFFF

■ 3C4BCC

■ 9C96FF

■ 0134B0

■ BAB1FF

■ 001F95

■ D8CCFF

■ 000D7A

■ F6E8FF

■ 000061

■ 000848

■ 000430

■ 00011A

■ 000000

■ 5E63E9

■ 5E63E9

■ 474DE9

■ 7579E9

■ 2F36E9

■ 8D90E9

■ 1820E9

■ A4A6E9

■ 0109E9

■ BBBDE9

■ 0008E9

■ D3D3E9

■ EAEAE9

■ FFFFE9

Harmonies

Analogous

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



007DF9



5E63E9



BC39BA

Triad

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



5E63E9



C05200



008E6E

Complementary

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



5E63E9



E9E45E

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.



008A26



5E63E9



8F7000

Square

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



5E63E9



DF2439



4D8100



008FB1

Rectangle

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



5E63E9



D91290



4D8100



008D56

Sweetspot

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



5E63E9



D1D3FF



5EE9E2



636480



000000



808080

Same Dimension

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



5E63E9



474EFF



9D5EE9



6A6A75



0007B5



000236

Inverse Universe

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



E95E63



FF474E



AAE95E



756A6A



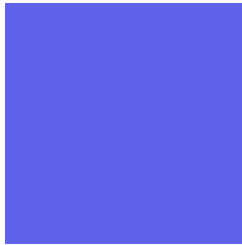
B50007



360002

Previews

White Background



This preview shows how the Hex color 5E63E9 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

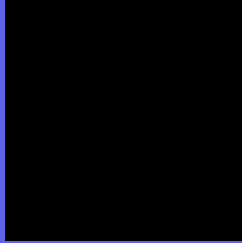
Any Text WCAG AA × Fail

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 5E63E9 Background



This preview shows how black text looks on a background with the Hex color 5E63E9.

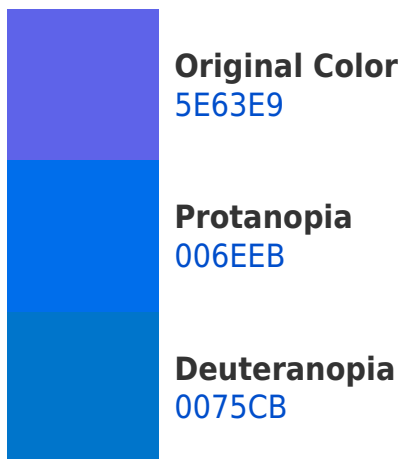



This preview shows how white text looks on a background with the Hex color 5E63E9.

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](#).

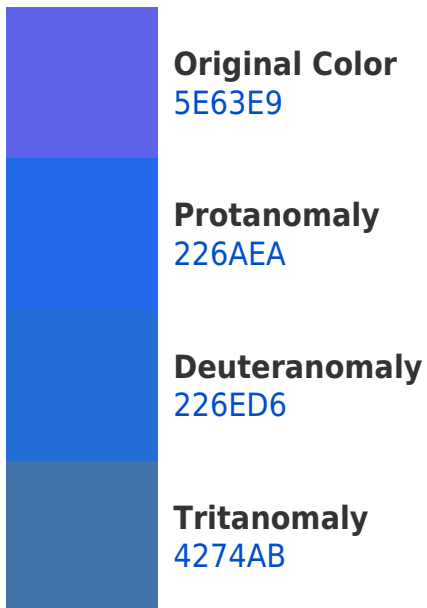
Dichromacy





Tritanopia
327D87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5E63E9 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 #5E63E9 looks like.

```
.text, #text, p{  
    color:#5E63E9  
}
```

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 #5E63E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E63E9
}
```

Border

The CSS property to change the border of an element to Hex 5E63E9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

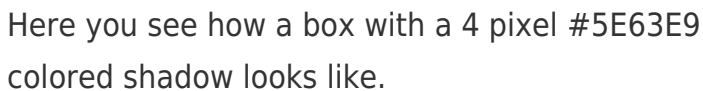
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E63E9 }
```

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

```
.border{ border-color:#5E63E9 }
```

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



Here you see how a box with a 4 pixel #5E63E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E63E9; -webkit-box-shadow:4px 4px  
4px 4px #5E63E9; box-shadow:4px 4px 4px  
4px #5E63E9 }
```

Background

The CSS property to change the background color of an element to Hex 5E63E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E63E9 }
```

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

```
.background{ background-color:#5E63E9 }
```

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