

Converting Colors

Hex(5E59E8)

Have a look what the booklet for
Hex(5E59E8) contains.

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Color

Hex(5E59E8)

Conversions

Conversions Part 1

Format	Color
Hex	5E59E8
RGB	94, 89, 232
RGB Percent	37%, 35%, 91%
CMY	0.6314, 0.6510, 0.0902
CMYK	0.59, 0.62, 0.00, 0.09
HSL	242°, 76%, 63%
HSV	242°, 62%, 91%
XYZ	22.7540, 15.3506, 78.1076
YIQ	106.7970, -42.9230, 45.5330

Conversions

Conversions Part 2

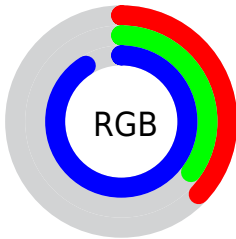
Format	Color
R _Y B	94, 89, 232
Decimal	6183400
CIE Lab	46.11, 42.74, -71.95
CIE LCh	46, 83.688, 300.714
Yxy	15.3506, 0.1958, 0.1321
Android (android.graphics.Color)	4284373480 (0xFF5E59E8)
YUV	106.7970, 61.7251, -11.2230
Hunter-Lab	39.1799, 35.1002, -90.7725

Details

The Hex color **5E59E8** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted blue. A complement of this color would be **E3E859**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **9C8CFF**, and **002BAF** is the 20% darker color. If you saturate the color by 10%, you get **4842E8**, and if you desaturate by 10%, it is **7470E8**.

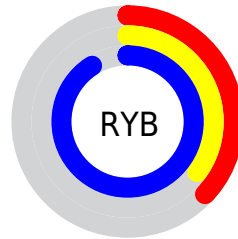
Distribution



Red (37%)

Green (35%)

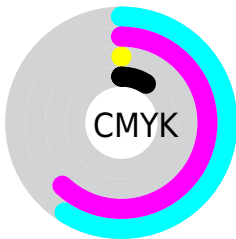
Blue (91%)



Red (37%)

Yellow (35%)

Blue (91%)

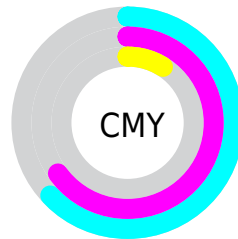


Cyan (59%)

Magenta (62%)

Yellow (0%)

Black (9%)



Cyan (63%)

Magenta (65%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E59E8 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 5E59E8 by changing the saturation by 10% instead.

■ 5E59E8

■ 5E59E8

FFFFFF

■ 3B41CB

■ 9C8CFF

■ 002BAF

■ BAA6FF

■ 001594

■ D9C1FF

■ 000379

■ F7DDFF

■ 00005F

■ FFFAFF

■ 000847

■ 00042F

■ 000119

■ 000000

■ 5E59E8

■ 5E59E8

■ 4842E8

■ 7470E8

■ 312BE8

■ 8B87E8

■ 1B13E8

■ A19FE8

■ 0800E8

■ B8B6E8

■ CECDE8

■ E4E4E8

■ FBFBE8

■ FFFFE8

Harmonies

Analogous

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



0077FC



5E59E8



BF21B3

Triad

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



5E59E8



B94C00



00896D

Complementary

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



5E59E8



E3E859

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.



00851F



5E59E8



846B00

Square

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



5E59E8



DB022A



3A7D00



0089B4

Rectangle

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



5E59E8



DA0086



3A7D00



008854

Sweetspot

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



5E59E8



D3D1FF



59E3E8



646380



000000



808080

Same Dimension

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



5E59E8



4942FF



A559E8



686773



0600B3



020033

Inverse Universe

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



E859E3



FF42F8



9CE859



736772



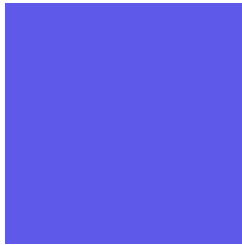
B300AC



330031

Previews

White Background



This preview shows how the Hex color 5E59E8 looks on a white background.

Color Contrast Check

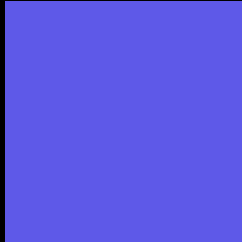
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 5E59E8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

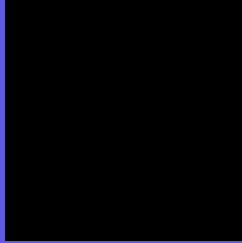
Any Text WCAG AA × Fail

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 5E59E8 Background



This preview shows how black text looks on a background with the Hex color 5E59E8.

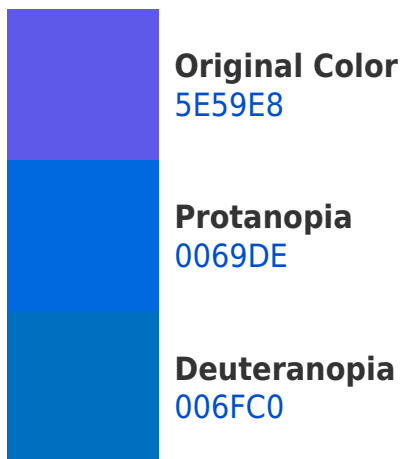


This preview shows how white text looks on a background with the Hex color 5E59E8.

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
2F7780

Trichromacy



Original Color
5E59E8



Protanomaly
2263E2



Deuteranomaly
2267CF



Tritanomaly
406CA6

Monochromacy



Original Color
5E59E8



Achromatopsia
6B6B6B



Achromatomaly
666498

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E59E8 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 #5E59E8 looks like.

```
.text, #text, p{  
    color:#5E59E8  
}
```

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 #5E59E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E59E8
}
```

Border

The CSS property to change the border of an element to Hex 5E59E8 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
#5E59E8 }
```

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

```
.border{ border-color:#5E59E8 }
```

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

Here you see how a box with a 4 pixel #5E59E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E59E8; -webkit-box-shadow:4px 4px  
4px 4px #5E59E8; box-shadow:4px 4px 4px  
4px #5E59E8 }
```

Background

The CSS property to change the background color of an element to Hex 5E59E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E59E8 }
```

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

```
.background{ background-color:#5E59E8 }
```

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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