

Converting Colors

Hex(4857E9)

Have a look what the booklet for
Hex(4857E9) contains.

Hex(4857E9)	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(4857E9)

Conversions

Conversions Part 1

Format	Color
Hex	4857E9
RGB	72, 87, 233
RGB Percent	28%, 34%, 91%
CMY	0.7176, 0.6588, 0.0863
CMYK	0.69, 0.63, 0.00, 0.09
HSL	234°, 79%, 60%
HSV	234°, 69%, 91%
XYZ	20.7887, 14.0773, 78.7123
YIQ	99.1590, -55.8060, 42.2260

Conversions

Conversions Part 2

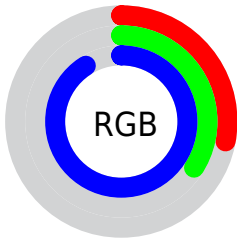
Format	Color
R_{YB}	72, 86, 233
Decimal	4741097
CIE Lab	44.34, 41.15, -75.46
CIE LCh	44, 85.949, 298.607
Yxy	14.0773, 0.1830, 0.1239
Android (android.graphics.Color)	4282931177 (0xFF4857E9)
YUV	99.1590, 65.9836, -23.8184
Hunter-Lab	37.5197, 33.2425, -98.1202

Details

The Hex color **4857E9** is a dark color, and the websafe version is hex **6666FF**. The color can be described as dark muted blue. A complement of this color would be **E9DA48**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **8B89FF**, and **002AB0** is the 20% darker color. If you saturate the color by 10%, you get **3142E9**, and if you desaturate by 10%, it is **5F6CE9**.

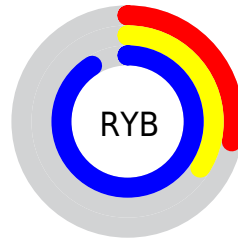
Distribution



Red (28%)

Green (34%)

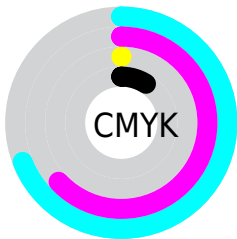
Blue (91%)



Red (28%)

Yellow (34%)

Blue (91%)

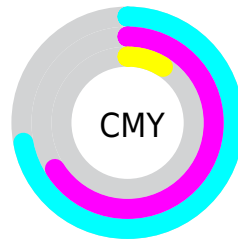


Cyan (69%)

Magenta (63%)

Yellow (0%)

Black (9%)



Cyan (72%)

Magenta (66%)

Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Hex color 4857E9 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 4857E9 by changing the saturation by 10% instead.

 4857E9

 4857E9

FFFFFF

 1740CC

 8B89FF

 002AB0

 AAA3FF

 001695

 C9BEFF

 00037A

 E8DAFF

 000260

 FFF7FF

 000847

 000430

 00011A

 000000

■ 4857E9

■ 4857E9

■ 3142E9

■ 5F6CE9

■ 192DE9

■ 7781E9

■ 0218E9

■ 8E96E9

■ 0016E9

■ A5ACE9

■ BDC1E9

■ D4D6E9

■ EBEBE9

■ FFFFE9

Harmonies

Analogous

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



0074FB



4857E9



B719B5

Triad

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



4857E9



B84300



008463

Complementary

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



4857E9



E9DA48

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.



00800D



4857E9



836500

Square

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



4857E9



DA002A



3A7800



0085AC

Rectangle

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



4857E9



D60087



3A7800



00834A

Sweetspot

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



4857E9



C9CEFF



48E9D9



606380



000000



808080

Same Dimension

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



4857E9



2B3FFF



8848E9



6A6B75



0011B5



000536

Inverse Universe

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



E94857



FF2B3F



A9E948



756A6B



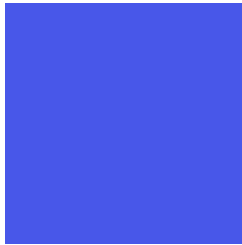
B50011



360005

Previews

White Background



This preview shows how the Hex color 4857E9 looks on a white background.

Color Contrast Check

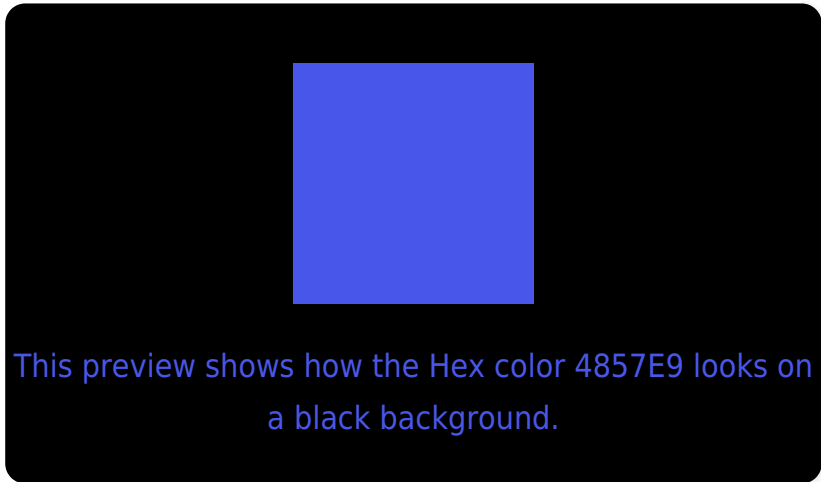
Large Text (above 18pt) WCAG AA ✓ Pass

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

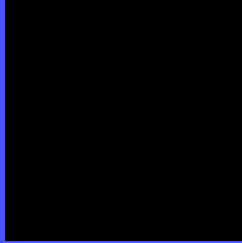
Any Text WCAG AA × Fail

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 4857E9 Background



This preview shows how black text looks on a background with the Hex color 4857E9.

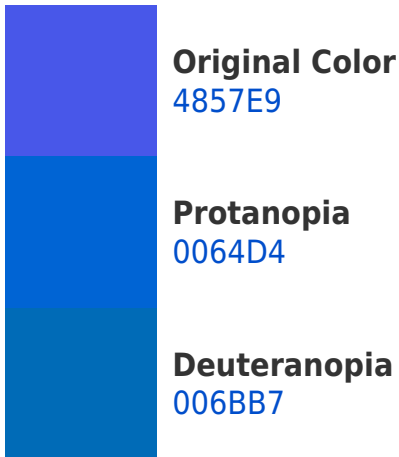


This preview shows how white text looks on a background with the Hex color 4857E9.

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](#).

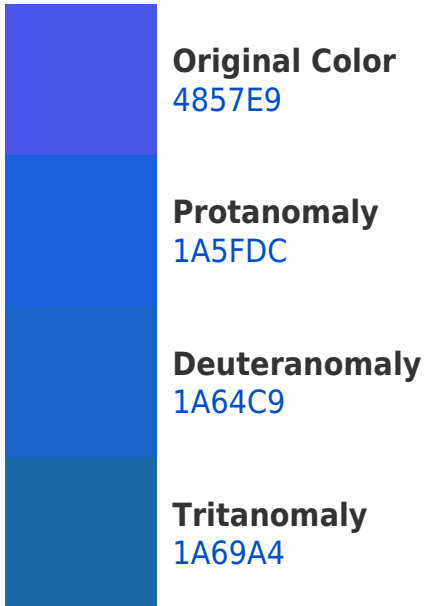
Dichromacy





Tritanopia
00747C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4857E9 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 #4857E9 looks like.

```
.text, #text, p{  
    color:#4857E9  
}
```

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 #4857E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4857E9
}
```

Border

The CSS property to change the border of an element to Hex 4857E9 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
#4857E9 }
```

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

```
.border{ border-color:#4857E9 }
```

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

Here you see how a box with a 4 pixel #4857E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4857E9; -webkit-box-shadow:4px 4px  
4px 4px #4857E9; box-shadow:4px 4px 4px  
4px #4857E9 }
```

Background

The CSS property to change the background color of an element to Hex 4857E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4857E9 }
```

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

```
.background{ background-color:#4857E9 }
```

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