

Converting Colors

Decimal(6577909)

Have a look what the booklet for
Decimal(6577909) contains.

Decimal(6577909)	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

Decimal(6577909)

Conversions

Conversions Part 1

Format	Color
Hex	645EF5
RGB	100, 94, 245
RGB Percent	39%, 37%, 96%
CMY	0.6078, 0.6314, 0.0392
CMYK	0.59, 0.62, 0.00, 0.04
HSL	242°, 88%, 66%
HSV	242°, 62%, 96%
XYZ	25.7397, 17.3073, 88.3702
YIQ	113.0080, -44.8950, 48.2330

Conversions

Conversions Part 2

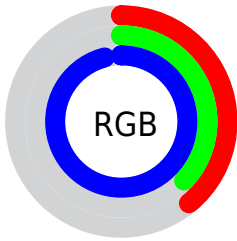
Format	Color
R _Y B	100, 94, 245
Decimal	6577909
CIE Lab	48.64, 44.85, -75.10
CIE LCh	49, 87.471, 300.843
Yxy	17.3073, 0.1959, 0.1317
Android (android.graphics.Color)	4284767989 (0xFF645EF5)
YUV	113.0080, 65.0721, -11.4080
Hunter-Lab	41.6020, 37.6364, -96.8212

Details

The Decimal color **6577909** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted purple. A complement of this color would be **15725918**, and the grayscale version is **7368816**.

A 20% lighter version of the original color is **10719743**, and **667580** is the 20% darker color. If you saturate the color by 10%, you get **4998901**, and if you desaturate by 10%, it is **8157173**.

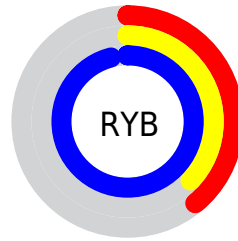
Distribution



Red (39%)

Green (37%)

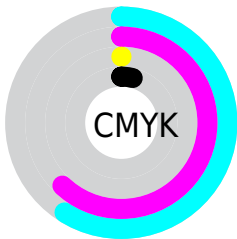
Blue (96%)



Red (39%)

Yellow (37%)

Blue (96%)

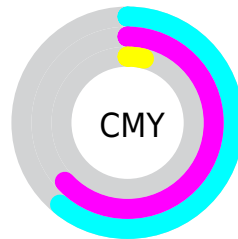


Cyan (59%)

Magenta (62%)

Yellow (0%)

Black (4%)



Cyan (61%)

Magenta (63%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6577909 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 Decimal color 6577909 by changing the saturation by 10% instead.

 6577909

 6577909

16777215

 4277976

 10719743

 667580

 12692735

 6560

 14731263

 1669

 16770047

 107

 2897

 1337

 547

 9

■ 6577909

■ 6577909

■ 4998901

■ 8157173

■ 3485173

■ 9670645

■ 1906165

■ 11249909

■ 655605

■ 12763381

■ 14342645

■ 15856117

■ 16777205

Harmonies

Analogous

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



32511



6577909



13247165

Triad

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



6577909



1280000



37236

Complementary

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



6577909



15725918

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.



36129



6577909



9138688

Square

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



6577909



15204653



3965952



37310

Rectangle

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



6577909



15138958



3965952



36954

Sweetspot

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



6577909



13881855



6222069



6644608



0



8421504

Same Dimension

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



6577909



4866815



11493109



7302778



458938



131131

Inverse Universe

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



16080623



16728824



10810718



8023674



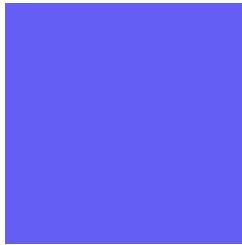
12189875



3866680

Previews

White Background



This preview shows how the Decimal color 6577909 looks on a white background.

Color Contrast Check

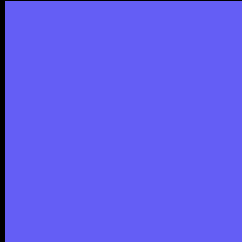
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 6577909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

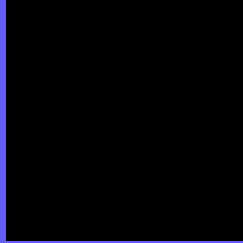
Any Text WCAG AA × Fail

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](#).

Decimal 6577909 Background



This preview shows how black text looks on a background with the Decimal color 6577909.

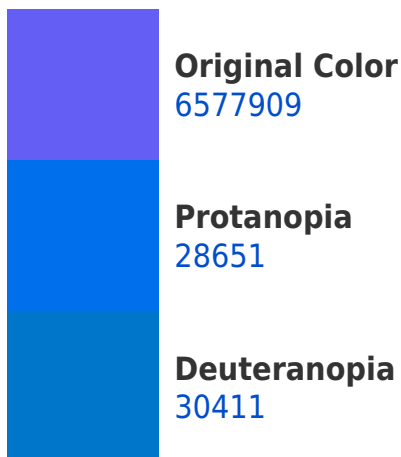


This preview shows how white text looks on a background with the Decimal color 6577909.

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
3440007

Trichromacy



Original Color
6577909



Protanomaly
2386415



Deuteranomaly
2387418



Tritanomaly
4551343

Monochromacy



Original Color
6577909



Achromatopsia
7434609



Achromatomaly
7105185

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6577909 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 #645EF5 looks like.

```
.text, #text, p{  
    color:#645EF5  
}
```

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 #645EF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #645EF5
}
```

Border

The CSS property to change the border of an element to Decimal 6577909 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
#645EF5 }
```

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

```
.border{ border-color:#645EF5 }
```

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

Here you see how a box with a 4 pixel #645EF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #645EF5; -webkit-box-shadow:4px 4px  
4px 4px #645EF5; box-shadow:4px 4px 4px  
4px #645EF5 }
```

Background

The CSS property to change the background color of an element to Decimal 6577909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#645EF5 }
```

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

```
.background{ background-color:#645EF5 }
```

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