

Converting Colors

Decimal(6589948)

Have a look what the booklet for
Decimal(6589948) contains.

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Color

Decimal(6589948)

Conversions

Conversions Part 1

Format	Color
Hex	648DFC
RGB	100, 141, 252
RGB Percent	39%, 55%, 99%
CMY	0.6078, 0.4471, 0.0118
CMYK	0.60, 0.44, 0.00, 0.01
HSL	224°, 96%, 69%
HSV	224°, 60%, 99%
XYZ	32.3511, 28.7874, 95.9469
YIQ	141.3950, -60.0670, 25.8290

Conversions

Conversions Part 2

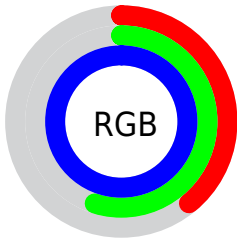
Format	Color
RYB	100, 132, 252
Decimal	6589948
CIELab	60.59, 18.96, -59.69
CIELCh	61, 62.624, 287.622
Yxy	28.7874, 0.2059, 0.1833
Android (android.graphics.Color)	4284780028 (0xFF648DFC)
YUV	141.3950, 54.5283, -36.3034
Hunter-Lab	53.6538, 13.7340, -68.4681

Details

The Decimal color **6589948** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **16569188**, and the grayscale version is **9276813**.

A 20% lighter version of the original color is **10666751**, and **1072323** is the 20% darker color. If you saturate the color by 10%, you get **4946940**, and if you desaturate by 10%, it is **8232956**.

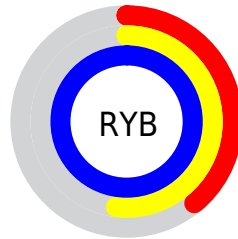
Distribution



Red (39%)

Green (55%)

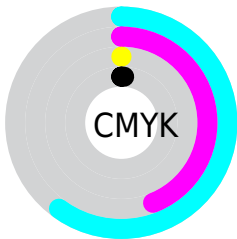
Blue (99%)



Red (39%)

Yellow (52%)

Blue (99%)

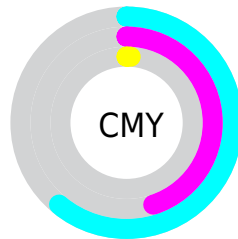


Cyan (60%)

Magenta (44%)

Yellow (0%)

Black (1%)



Cyan (61%)

Magenta (45%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6589948 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 6589948 by changing the saturation by 10% instead.

 6589948

 6589948

16777215

 4355295

 10666751

 1072323

 12639999

 17831

 14613247

 12172

16646143

 7282

 89

 1856

 809

 275

■ 6589948

■ 6589948

■ 4946940

■ 8232956

■ 3303676

■ 9876220

■ 1595132

■ 11584764

■ 17660

■ 13228028

■ 14871036

■ 16514044

16777212

Harmonies

Analogous

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



40958



6589948



12482013

Triad

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



6589948



15036482



43897

Complementary

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



6589948



16569188

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.



5023043



6589948



12683033

Square

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



6589948



16146036



9410839



44210

Rectangle

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



6589948



14640573



9410839



43366

Sweetspot

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



6589948



13753855



6618321



6515584



0



8421504

Same Dimension

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



6589948



4684287



8742140



7369853



13245



4413

Inverse Universe

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



16540813



16729977



14416996



8220788



12386355



3997713

Previews

White Background



This preview shows how the Decimal color 6589948 looks on a white 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

Black Background



This preview shows how the Decimal color 6589948 looks on a 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](#).

Decimal 6589948 Background



This preview shows how black text looks on a background with the Decimal color 6589948.

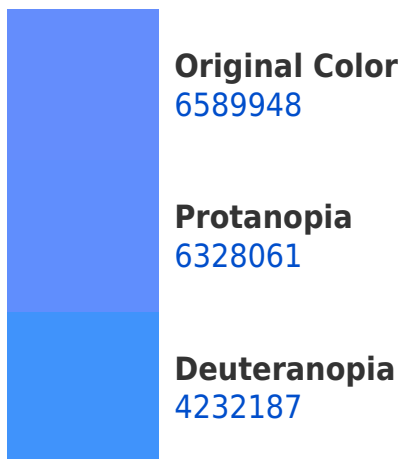



This preview shows how white text looks on a background with the Decimal color 6589948.

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
4169644

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6589948 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 #648DFC looks like.

```
.text, #text, p{  
    color:#648DFC  
}
```

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 #648DFC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #648DFC
}
```

Border

The CSS property to change the border of an element to Decimal 6589948 is called "border". The border property can be set on classes, ids or directly on the HTML element.

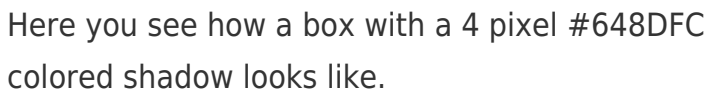
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#648DFC }
```

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

```
.border{ border-color:#648DFC }
```

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



Here you see how a box with a 4 pixel #648DFC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #648DFC; -webkit-box-shadow:4px 4px  
4px 4px #648DFC; box-shadow:4px 4px 4px  
4px #648DFC }
```

Background

The CSS property to change the background color of an element to Decimal 6589948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#648DFC }
```

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

```
.background{ background-color:#648DFC }
```

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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