

Converting Colors

Decimal(7368949)

Have a look what the booklet for
Decimal(7368949) contains.

Decimal(7368949)	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(7368949)

Conversions

Conversions Part 1

Format	Color
Hex	7070F5
RGB	112, 112, 245
RGB Percent	44%, 44%, 96%
CMY	0.5608, 0.5608, 0.0392
CMYK	0.54, 0.54, 0.00, 0.04
HSL	240°, 87%, 70%
HSV	240°, 54%, 96%
XYZ	28.9577, 21.6257, 89.0341
YIQ	127.1620, -42.6930, 41.3630

Conversions

Conversions Part 2

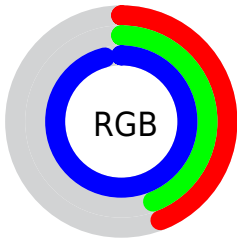
Format	Color
R _Y B	112, 112, 245
Decimal	7368949
CIE Lab	53.63, 36.32, -66.98
CIE LCh	54, 76.192, 298.473
Yxy	21.6257, 0.2074, 0.1549
Android (android.graphics.Color)	4285559029 (0xFF7070F5)
YUV	127.1620, 58.0941, -13.2971
Hunter-Lab	46.5034, 29.7711, -80.9626

Details

The Decimal color **7368949** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **16119152**, and the grayscale version is **8355711**.

A 20% lighter version of the original color is **11314431**, and **2900156** is the 20% darker color. If you saturate the color by 10%, you get **5724149**, and if you desaturate by 10%, it is **9013749**.

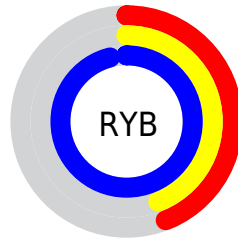
Distribution



Red (44%)

Green (44%)

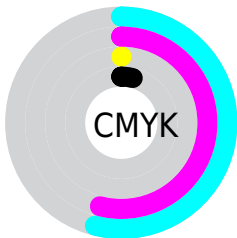
Blue (96%)



Red (44%)

Yellow (44%)

Blue (96%)

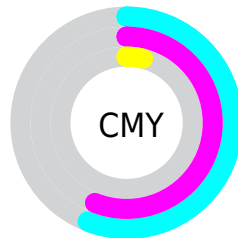


Cyan (54%)

Magenta (54%)

Yellow (0%)

Black (4%)



Cyan (56%)

Magenta (56%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7368949 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 7368949 by changing the saturation by 10% instead.

 7368949

 7368949

16777215

 5265624

 11314431

 2900156

 13287423

 10912

 15260671

 5765

 16775167

 363

 1106

 1338

 547

 10

■ 7368949

■ 7368949

■ 5724149

■ 9013749

■ 4145141

■ 10592757

■ 2500341

■ 12237557

■ 921333

■ 13816565

■ 245

■ 15461365

■ 16777205

Harmonies

Analogous

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



35583



7368949



13257670

Triad

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



7368949



13590528



40059

Complementary

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



7368949



16119152

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.



38965



7368949



10386432

Square

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



7368949



15547462



6131200



40125

Rectangle

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



7368949



15151772



6131200



39780

Sweetspot

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



7368949



14079743



7402997



6776704



0



8421504

Same Dimension

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



7368949



5855743



11759861



7237242



186



59

Inverse Universe

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



16085237



16734719



11793776



8023674



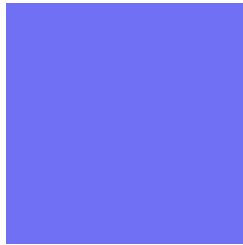
12189882



3866683

Previews

White Background



This preview shows how the Decimal color 7368949 looks on a white background.

Color Contrast Check

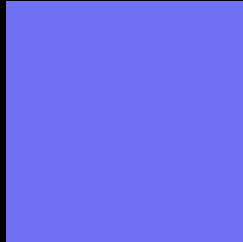
Large Text (above 18pt) WCAG AA ✓ Pass

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 7368949 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 7368949 Background



This preview shows how black text looks on a background with the Decimal color 7368949.



This preview shows how white text looks on a background with the Decimal color 7368949.

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
5147028

Trichromacy



Original Color

7368949



Protanomaly

4356091



Deuteranomaly

2718699



Tritanomaly

5931191

Monochromacy



Original Color

7368949



Achromatopsia

8355711



Achromatomaly

8026794

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7368949 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 #7070F5 looks like.

```
.text, #text, p{  
    color:#7070F5  
}
```

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 #7070F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7070F5
}
```

Border

The CSS property to change the border of an element to Decimal 7368949 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
#7070F5 }
```

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

```
.border{ border-color:#7070F5 }
```

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

Here you see how a box with a 4 pixel #7070F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7070F5; -webkit-box-shadow:4px 4px  
4px 4px #7070F5; box-shadow:4px 4px 4px  
4px #7070F5 }
```

Background

The CSS property to change the background color of an element to Decimal 7368949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7070F5 }
```

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

```
.background{ background-color:#7070F5 }
```

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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