

# Converting Colors

Decimal(7308031)

Have a look what the booklet for  
Decimal(7308031) contains.

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# **Color**

**Decimal(7308031)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6F82FF
RGB	111, 130, 255
RGB Percent	44%, 51%, 100%
CMY	0.5647, 0.4902, 0.0000
CMYK	0.56, 0.49, 0.00, 0.00
HSL	232°, 100%, 72%
HSV	232°, 56%, 100%
XYZ	32.5882, 26.5648, 98.0177
YIQ	138.5690, -51.4490, 34.8470

# Conversions

## Conversions Part 2

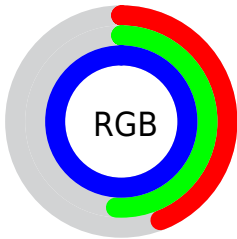
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 128, 255
Decimal	7308031
CIE <sub>Lab</sub>	58.57, 28.53, -64.55
CIE <sub>LCh</sub>	59, 70.571, 293.849
Yxy	26.5648, 0.2073, 0.1690
Android (android.graphics.Color)	4285498111 (0xFF6F82FF)
YUV	138.5690, 57.4005, -24.1780
Hunter-Lab	51.5410, 22.6646, -76.6755

# Details

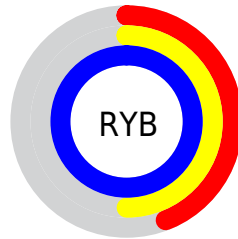
The Decimal color **7308031** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **16772207**, and the grayscale version is **9079434**.

A 20% lighter version of the original color is **11319295**, and **2642373** is the 20% darker color. If you saturate the color by 10%, you get **5663999**, and if you desaturate by 10%, it is **9017599**.

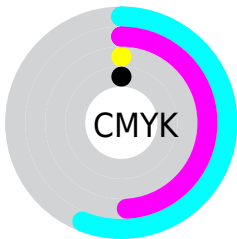
# Distribution



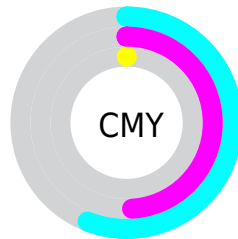
- Red (44%)
- Green (51%)
- Blue (100%)



- Red (44%)
- Yellow (50%)
- Blue (100%)



- Cyan (56%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)



- Cyan (56%)
- Magenta (49%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7308031 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 7308031 by changing the saturation by 10% instead.



■ 7308031

■ 7308031

16777215

■ 5204450

■ 11319295

■ 2642373

■ 13292287

■ 15274

■ 15265535

■ 9870

■ 5236

■ 91

■ 1858

■ 811

■ 277

■ 7308031

■ 7308031

■ 5663999

■ 9017599

■ 3954431

■ 10661631

■ 2244863

■ 12371199

■ 600575

■ 14015487

■ 8959

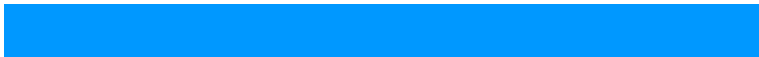
■ 15725055

16777215

# Harmonies

## Analogous

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



39167



7308031



13264087

# Triad

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



7308031



14707493



43134

# Complementary

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



7308031



16772207

# 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.



631614



7308031



11830784

# Square

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



7308031



16273503



8034304



43453

# Rectangle

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



7308031



15356337



8034304



42856



# Sweetspot

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



7308031



13949439



7340012



6711680



0



8421504



# Same Dimension

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



7308031



5400831



10776575



7566464



6591



2112



# Inverse Universe

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



16740226



16732776



13303663



8418164



12517401

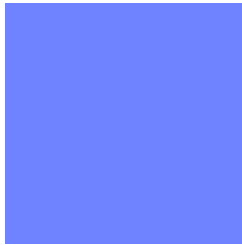


4194312



# Previews

## White Background



This preview shows how the Decimal color 7308031 looks on a white background.

## Color Contrast Check

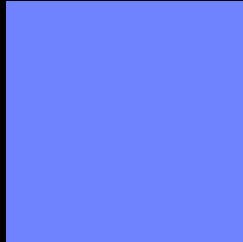
Large Text (above 18pt) WCAG AA ✓ Pass

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 7308031 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 7308031 Background



This preview shows how black text looks on a background with the Decimal color 7308031.



This preview shows how white text looks on a background with the Decimal color 7308031.

# 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](#).

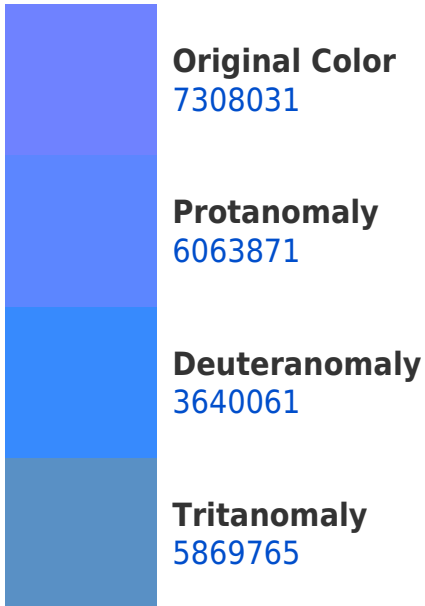
## Dichromacy





**Tritanopia**  
5019812

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7308031 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 #6F82FF looks like.

```
.text, #text, p{  
    color:#6F82FF  
}
```

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 #6F82FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F82FF
}
```

## Border

The CSS property to change the border of an element to Decimal 7308031 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
#6F82FF }
```

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

```
.border{ border-color:#6F82FF }
```

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

Here you see how a box with a 4 pixel #6F82FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F82FF; -webkit-box-shadow:4px 4px  
4px 4px #6F82FF; box-shadow:4px 4px 4px  
4px #6F82FF }
```

# Background

The CSS property to change the background color of an element to Decimal 7308031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F82FF }
```

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

```
.background{ background-color:#6F82FF }
```

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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