

# Converting Colors

Decimal(7303423)

Have a look what the booklet for  
Decimal(7303423) contains.

<b>Decimal(7303423)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(7303423)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6F70FF
RGB	111, 112, 255
RGB Percent	44%, 44%, 100%
CMY	0.5647, 0.5608, 0.0000
CMYK	0.56, 0.56, 0.00, 0.00
HSL	240°, 100%, 72%
HSV	240°, 56%, 100%
XYZ	30.3997, 22.1878, 97.2882
YIQ	128.0030, -46.4990, 44.2610

# Conversions

## Conversions Part 2

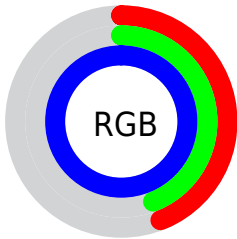
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 112, 255
Decimal	7303423
CIE <sub>Lab</sub>	54.23, 39.24, -71.55
CIE <sub>LCh</sub>	54, 81.607, 298.741
Yxy	22.1878, 0.2028, 0.1480
Android (android.graphics.Color)	4285493503 (0xFF6F70FF)
YUV	128.0030, 62.6095, -14.9116
Hunter-Lab	47.1040, 32.7674, -89.4843

# Details

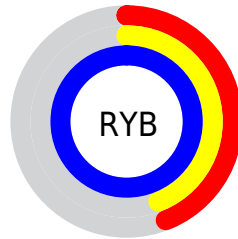
The Decimal color **7303423** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **16776815**, and the grayscale version is **8355711**.

A 20% lighter version of the original color is **11379967**, and **2441413** is the 20% darker color. If you saturate the color by 10%, you get **5658623**, and if you desaturate by 10%, it is **9013759**.

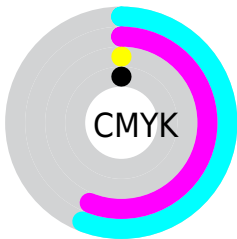
# Distribution



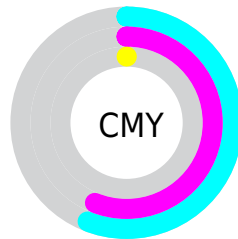
- Red (44%)
- Green (44%)
- Blue (100%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7303423 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 7303423 by changing the saturation by 10% instead.



■ 7303423

■ 7303423

16777215

■ 5134306

■ 11379967

■ 2441413

■ 13352959

■ 10921

■ 15391743

■ 5774

■ 16775423

■ 628

■ 602

■ 1857

■ 810

■ 277

■ 7303423

■ 7303423

■ 5658623

■ 9013759

■ 3948031

■ 10658815

■ 2237695

■ 12369151

■ 592895

■ 14013951

■ 767

■ 15724543

16777215

# Harmonies

## Analogous

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



36095



7303423



13714892

# Triad

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



7303423



13983488



40829

# Complementary

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



7303423



16776815

# 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.



39729



7303423



10518016

# Square

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



7303423



16069443



5935360



40900

# Rectangle

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



7303423



15672479



5935360



40548



# Sweetspot

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



7303423



13948159



7340029



6710912



0



8421504



# Same Dimension

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



7303423



5395455



11890687



7566208



447



64



# Inverse Universe

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



16740208



16732755



12189551



8418163



12517377

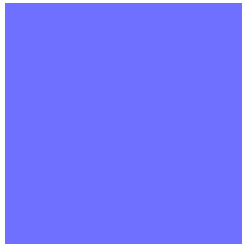


4194304



# Previews

## White Background



This preview shows how the Decimal color 7303423 looks on a white background.

## Color Contrast Check

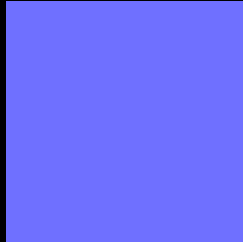
Large Text (above 18pt) WCAG AA ✓ Pass

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 7303423 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 7303423 Background



This preview shows how black text looks on a background with the Decimal color 7303423.

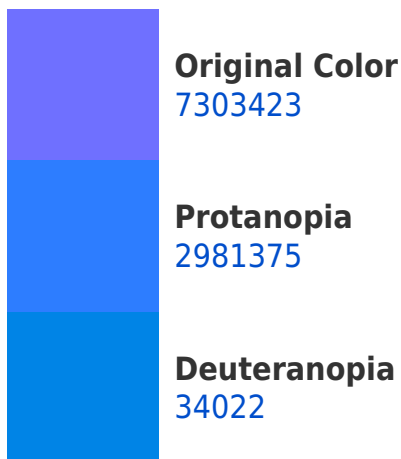


This preview shows how white text looks on a background with the Decimal color 7303423.

# 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](#).

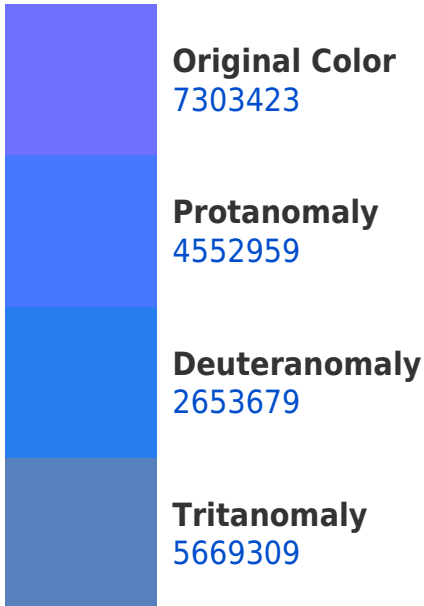
## Dichromacy



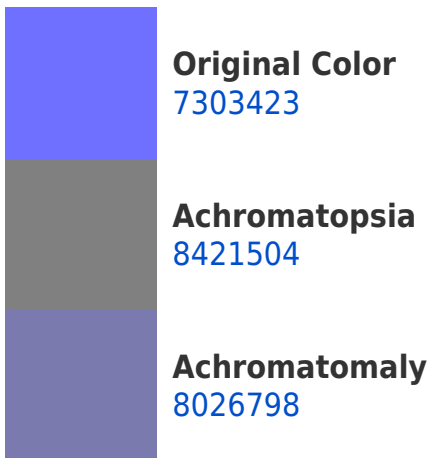


**Tritanopia**  
4688791

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7303423 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 #6F70FF looks like.

```
.text, #text, p{  
    color:#6F70FF  
}
```

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 #6F70FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F70FF
}
```

## Border

The CSS property to change the border of an element to Decimal 7303423 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
#6F70FF }
```

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

```
.border{ border-color:#6F70FF }
```

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

Here you see how a box with a 4 pixel #6F70FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F70FF; -webkit-box-shadow:4px 4px  
4px 4px #6F70FF; box-shadow:4px 4px 4px  
4px #6F70FF }
```

# Background

The CSS property to change the background color of an element to Decimal 7303423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F70FF }
```

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

```
.background{ background-color:#6F70FF }
```

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