

# Converting Colors

Decimal(8023229)

Have a look what the booklet for  
Decimal(8023229) contains.

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# Color

**Decimal(8023229)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7A6CBD
RGB	122, 108, 189
RGB Percent	48%, 42%, 74%
CMY	0.5216, 0.5765, 0.2588
CMYK	0.35, 0.43, 0.00, 0.26
HSL	250°, 38%, 58%
HSV	250°, 43%, 74%
XYZ	22.5739, 18.5368, 50.5323
YIQ	121.4200, -17.6570, 28.1590

# Conversions

## Conversions Part 2

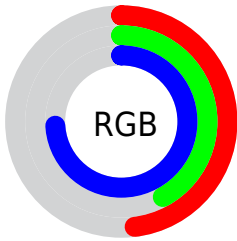
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	122, 108, 189
Decimal	8023229
CIE Lab	50.14, 24.55, -40.81
CIE LCh	50, 47.626, 301.032
Yxy	18.5368, 0.2463, 0.2023
Android (android.graphics.Color)	4286213309 (0xFF7A6CBD)
YUV	121.4200, 33.3169, 0.5087
Hunter-Lab	43.0544, 18.2443, -39.4497

# Details

The Decimal color **8023229** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **11517292**, and the grayscale version is **7960953**.

A 20% lighter version of the original color is **11641078**, and **4537479** is the 20% darker color. If you saturate the color by 10%, you get **6969789**, and if you desaturate by 10%, it is **9076669**.

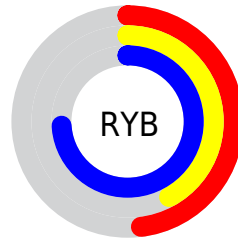
# Distribution



Red (48%)

Green (42%)

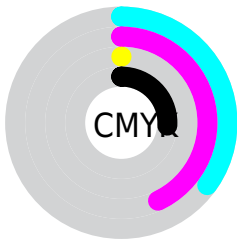
Blue (74%)



Red (48%)

Yellow (42%)

Blue (74%)

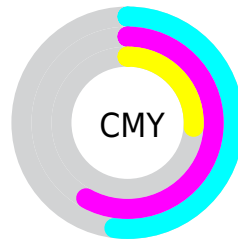


Cyan (35%)

Magenta (43%)

Yellow (0%)

Black (26%)



Cyan (52%)

Magenta (58%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8023229 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 8023229 by changing the saturation by 10% instead.



■ 8023229

■ 8023229

16777215

■ 6247586

■ 11641078

■ 4537479

■ 13483007

■ 2762349

■ 15390463

■ 660053

■ 16774143

■ 61

■ 806

■ 271

■ 0

■ 8023229

■ 8023229

6969789

9076669

5981885

10064573

4928445

11118013

3875005

12171453

2887101

13159357

2162877

14212541

15200445

16252861

16777149

# Harmonies

## Analogous

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



949192



8023229



11164575

# Triad

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



8023229



11298608



35703

# Complementary

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



8023229



11517292

# 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.



2525262



8023229



9205279

# Square

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



8023229



12539984



6521133



35488

# Rectangle

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



8023229



12276869



6521133



35433



# Sweetspot

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



8023229



14341621



7122877



6973306



16448250



8026746



# Same Dimension

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



8023229



9337077



10644669



5723486



1769630



327711



# Inverse Universe

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



12414127



16087263



8895852



6182237



10354819



2031641



# Previews

## White Background



This preview shows how the Decimal color 8023229 looks on a white background.

## Color Contrast Check

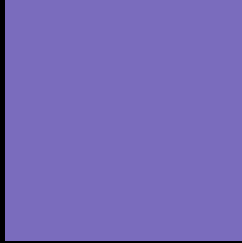
Large Text (above 18pt) WCAG AA ✓ Pass

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 8023229 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 8023229 Background



This preview shows how black text looks on a background with the Decimal color 8023229.

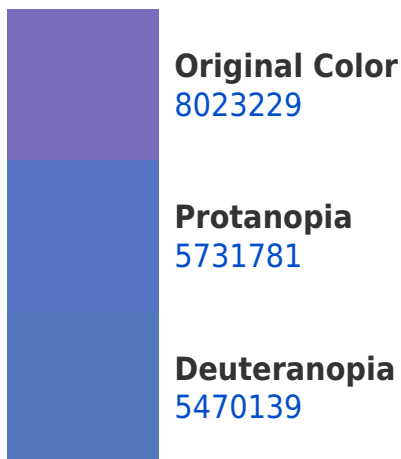


This preview shows how white text looks on a background with the Decimal color 8023229.

# Color Blindness Simulation

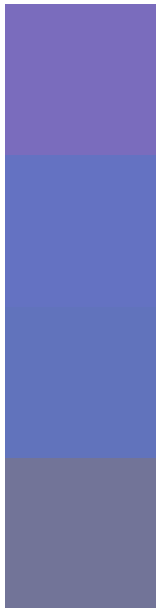
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
8023229

**Protanomaly**  
6582978

**Deuteranomaly**  
6386620

**Tritanomaly**  
7500952

# Monochromacy



**Original Color**  
8023229

**Achromatopsia**  
7960953

**Achromatomaly**  
7959698

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8023229 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 #7A6CBD looks like.

```
.text, #text, p{  
    color:#7A6CBD  
}
```

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 #7A6CBD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A6CBD
}
```

## Border

The CSS property to change the border of an element to Decimal 8023229 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
#7A6CBD }
```

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

```
.border{ border-color:#7A6CBD }
```

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

Here you see how a box with a 4 pixel #7A6CBD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A6CBD; -webkit-box-shadow:4px 4px  
4px 4px #7A6CBD; box-shadow:4px 4px 4px  
4px #7A6CBD }
```

# Background

The CSS property to change the background color of an element to Decimal 8023229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A6CBD }
```

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

```
.background{ background-color:#7A6CBD }
```

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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