

# Converting Colors

Decimal(8153800)

Have a look what the booklet for  
Decimal(8153800) contains.

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# Color

**Decimal(8153800)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7C6AC8
RGB	124, 106, 200
RGB Percent	49%, 42%, 78%
CMY	0.5137, 0.5843, 0.2157
CMYK	0.38, 0.47, 0.00, 0.22
HSL	251°, 46%, 60%
HSV	251°, 47%, 78%
XYZ	23.8915, 18.7633, 57.0060
YIQ	122.0980, -19.4460, 33.0500

# Conversions

## Conversions Part 2

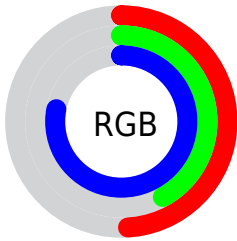
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 106, 200
Decimal	8153800
CIELab	50.41, 29.31, -46.70
CIELCh	50, 55.131, 302.113
Yxy	18.7633, 0.2397, 0.1883
Android (android.graphics.Color)	4286343880 (0xFF7C6AC8)
YUV	122.0980, 38.4057, 1.6681
Hunter-Lab	43.3166, 22.6487, -47.7059

# Details

The Decimal color **8153800** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **11978858**, and the grayscale version is **8026746**.

A 20% lighter version of the original color is **11837183**, and **4602513** is the 20% darker color. If you saturate the color by 10%, you get **7100104**, and if you desaturate by 10%, it is **9207496**.

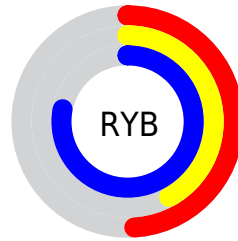
# Distribution



Red (49%)

Green (42%)

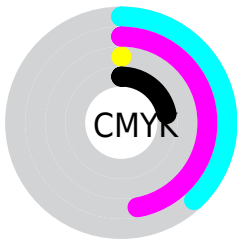
Blue (78%)



Red (49%)

Yellow (42%)

Blue (78%)

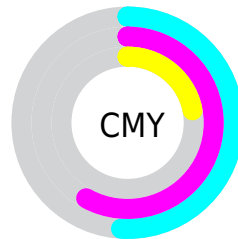


Cyan (38%)

Magenta (47%)

Yellow (0%)

Black (22%)



Cyan (51%)

Magenta (58%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8153800 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 8153800 by changing the saturation by 10% instead.



8153800

8153800

16777215

6378156

11837183

4602513

13679103

2696311

15586559

200542

16773631

70

1070

281

0

8153800

8153800

7100104

9207496

6046408

10261192

4927176

11380424

3873480

12434120

2819784

13487816

2490568

14541512

15595208

16646088

16777160

# Harmonies

## Analogous

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



31958



8153800



11752869

# Triad

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



8153800



11625761



36474

# Complementary

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



8153800



11978858

# 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.



35658



8153800



9205509

# Square

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



8153800



13128265



6128415



36265

# Rectangle

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



8153800



12995462



6128415



36202



# Sweetspot

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



8153800



14867455



6993864



7236224



0



8421504



# Same Dimension

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



8153800



9203967



11168456



5986915



2031779



458788



# Inverse Universe

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



13134518



16740580



8964202



6511202



10682500



2359325



# Previews

## White Background



This preview shows how the Decimal color 8153800 looks on a white background.

## Color Contrast Check

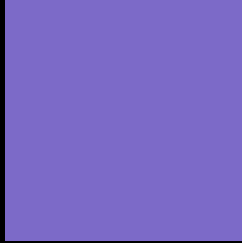
Large Text (above 18pt) WCAG AA ✓ Pass

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 8153800 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

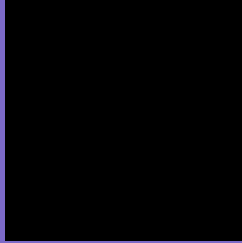
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 8153800 Background



This preview shows how black text looks on a background with the Decimal color 8153800.

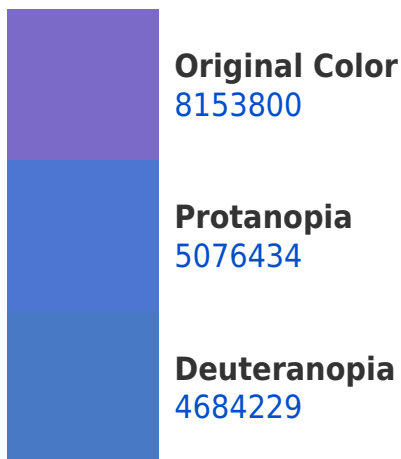


This preview shows how white text looks on a background with the Decimal color 8153800.

# 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**  
8153800

**Protanomaly**  
6189518

**Deuteranomaly**  
5928134

**Tritanomaly**  
7500957

# Monochromacy



**Original Color**  
8153800

**Achromatopsia**  
8026746

**Achromatomaly**  
8090774

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8153800 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 #7C6AC8 looks like.

```
.text, #text, p{  
    color:#7C6AC8  
}
```

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 #7C6AC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C6AC8
}
```

## Border

The CSS property to change the border of an element to Decimal 8153800 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
#7C6AC8 }
```

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

```
.border{ border-color:#7C6AC8 }
```

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

Here you see how a box with a 4 pixel #7C6AC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C6AC8; -webkit-box-shadow:4px 4px  
4px 4px #7C6AC8; box-shadow:4px 4px 4px  
4px #7C6AC8 }
```

# Background

The CSS property to change the background color of an element to Decimal 8153800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C6AC8 }
```

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

```
.background{ background-color:#7C6AC8 }
```

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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