

# Converting Colors

Decimal(8157123)

Have a look what the booklet for  
Decimal(8157123) contains.

<b>Decimal(8157123)</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(8157123)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7C77C3
RGB	124, 119, 195
RGB Percent	49%, 47%, 76%
CMY	0.5137, 0.5333, 0.2353
CMYK	0.36, 0.39, 0.00, 0.24
HSL	244°, 39%, 62%
HSV	244°, 39%, 76%
XYZ	24.7593, 21.4189, 54.4591
YIQ	129.1590, -21.4160, 24.6960

# Conversions

## Conversions Part 2

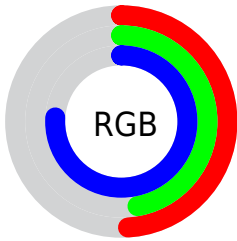
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	124, 119, 195
Decimal	8157123
CIE <sub>Lab</sub>	53.40, 20.17, -39.09
CIE <sub>LCh</sub>	53, 43.990, 297.290
Yxy	21.4189, 0.2460, 0.2128
Android (android.graphics.Color)	4286347203 (0xFF7C77C3)
YUV	129.1590, 32.4596, -4.5244
Hunter-Lab	46.2805, 14.5037, -37.3712

# Details

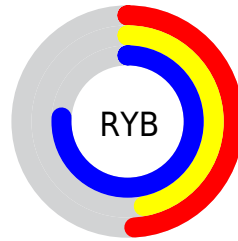
The Decimal color **8157123** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **12501879**, and the grayscale version is **8487297**.

A 20% lighter version of the original color is **11774972**, and **4671373** is the 20% darker color. If you saturate the color by 10%, you get **6972355**, and if you desaturate by 10%, it is **9341891**.

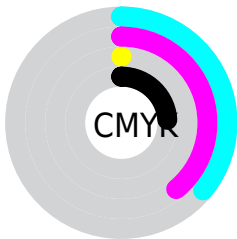
# Distribution



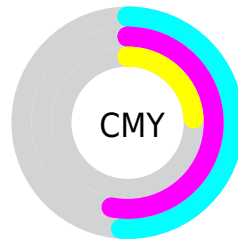
- Red (49%)
- Green (47%)
- Blue (76%)



- Red (49%)
- Yellow (47%)
- Blue (76%)



- Cyan (36%)
- Magenta (39%)
- Yellow (0%)
- Black (24%)



- Cyan (51%)
- Magenta (53%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8157123 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 8157123 by changing the saturation by 10% instead.



■ 8157123

■ 8157123

16777215

■ 6381224

■ 11774972

■ 4671373

■ 13616895

■ 2895987

■ 15524863

■ 858970

■ 834

■ 811

■ 277

■ 0

■ 8157123

■ 8157123

6972355

9341891

5787843

10526403

4537795

11776707

3353027

12961219

2168259

14145987

983747

15330499

852163

16580547

16777155

# Harmonies

## Analogous

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



2524619



8157123



11233449

# Triad

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



8157123



11890240



37499

# Complementary

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



8157123



12501879

# 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.



4362069



8157123



9993265

# Square

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



8157123



12935775



7571513



37537

# Rectangle

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



8157123



12411281



7571513



37486



# Sweetspot

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



8157123



14737148



7847875



7302784



0



8421504



# Same Dimension

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



8157123



9340668



10581955



5789537



721057



131105



# Inverse Universe

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



12810174



16549621



10077047



6379360



10551446



2162719



# Previews

## White Background



This preview shows how the Decimal color 8157123 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 8157123 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

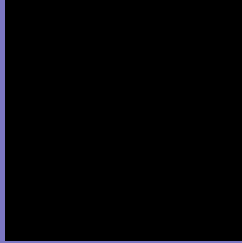
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 8157123 Background



This preview shows how black text looks on a background with the Decimal color 8157123.

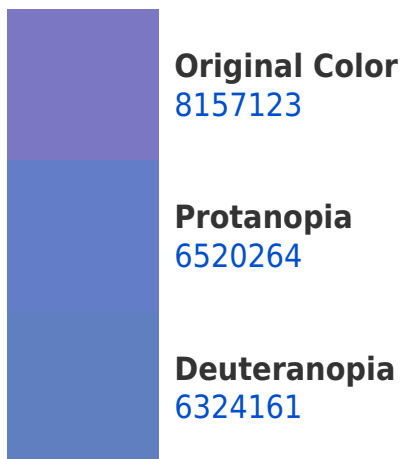


This preview shows how white text looks on a background with the Decimal color 8157123.

# 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**  
8157123

**Protanomaly**  
7109574

**Deuteranomaly**  
6978754

**Tritanomaly**  
7634593

# Monochromacy



**Original Color**  
8157123

**Achromatopsia**  
8487297

**Achromatomaly**  
8355225

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8157123 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 #7C77C3 looks like.

```
.text, #text, p{  
    color:#7C77C3  
}
```

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 #7C77C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C77C3
}
```

## Border

The CSS property to change the border of an element to Decimal 8157123 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
#7C77C3 }
```

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

```
.border{ border-color:#7C77C3 }
```

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

Here you see how a box with a 4 pixel #7C77C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C77C3; -webkit-box-shadow:4px 4px  
4px 4px #7C77C3; box-shadow:4px 4px 4px  
4px #7C77C3 }
```

# Background

The CSS property to change the background color of an element to Decimal 8157123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C77C3 }
```

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

```
.background{ background-color:#7C77C3 }
```

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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