

# Converting Colors

Decimal(8033177)

Have a look what the booklet for  
Decimal(8033177) contains.

<b>Decimal(8033177)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(8033177)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7A9399
RGB	122, 147, 153
RGB Percent	48%, 58%, 60%
CMY	0.5216, 0.4235, 0.4000
CMYK	0.20, 0.04, 0.00, 0.40
HSL	192°, 13%, 54%
HSV	192°, 20%, 60%
XYZ	24.2095, 27.3049, 34.1314
YIQ	140.2090, -16.8260, -3.4340

# Conversions

## Conversions Part 2

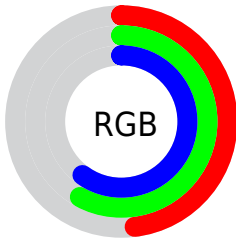
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 136, 153
Decimal	8033177
CIE <sub>Lab</sub>	59.26, -7.43, -6.11
CIE <sub>LCh</sub>	59, 9.620, 219.430
Yxy	27.3049, 0.2827, 0.3188
Android (android.graphics.Color)	4286223257 (0xFF7A9399)
YUV	140.2090, 6.3060, -15.9693
Hunter-Lab	52.2541, -8.7450, -2.1492

# Details

The Decimal color **8033177** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **10059898**, and the grayscale version is **9211020**.

A 20% lighter version of the original color is **11520463**, and **4808806** is the 20% darker color. If you saturate the color by 10%, you get **7049369**, and if you desaturate by 10%, it is **9016985**.

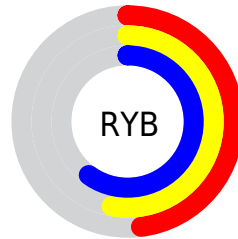
# Distribution



Red (48%)

Green (58%)

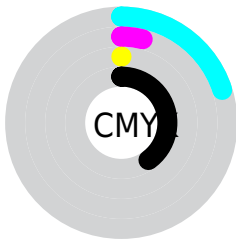
Blue (60%)



Red (48%)

Yellow (53%)

Blue (60%)

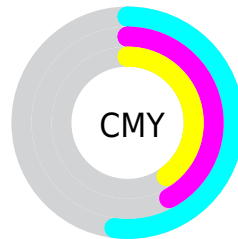


Cyan (20%)

Magenta (4%)

Yellow (0%)

Black (40%)



Cyan (52%)

Magenta (42%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8033177 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 8033177 by changing the saturation by 10% instead.



■ 8033177

■ 8033177

16777215

■ 6388095

■ 11520463

■ 4808806

■ 13297132

■ 3230030

■ 15204351

■ 1782327

■ 335138

■ 12

■ 0

■ 8033177

■ 8033177

■ 7049369

■ 9016985

6000025

10066329

5016217

11050137

4032409

12033945

3048601

13083289

1999257

14067097

1015449

15050905

31641

16034713

16756377

# Harmonies

## Analogous

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



8033425



8033177



8360350

# Triad

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



8033177



10259093



9670526

# Complementary

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



8033177



10059898

# 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.



10194047



8033177



10586508

# Square

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



8033177



9735324



10521220



9015681

# Rectangle

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



8033177



8818591



10521220



9866878



# Sweetspot

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



8033177



12305863



8034688



6054499



14935011



6513507



# Same Dimension

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



8033177



9944775



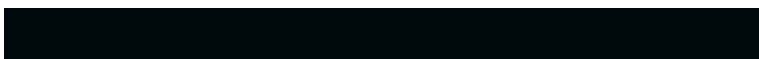
8029337



4541261



29068



2573



# Inverse Universe

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



10058387



13080510



10063738



5064011



9175153



851978



# Previews

## White Background



This preview shows how the Decimal color 8033177 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 8033177 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

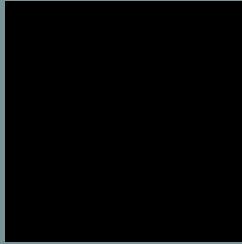
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

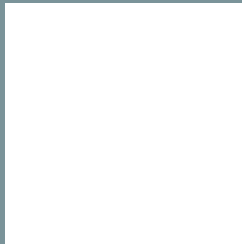
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 8033177 Background



This preview shows how black text looks on a background with the Decimal color 8033177.

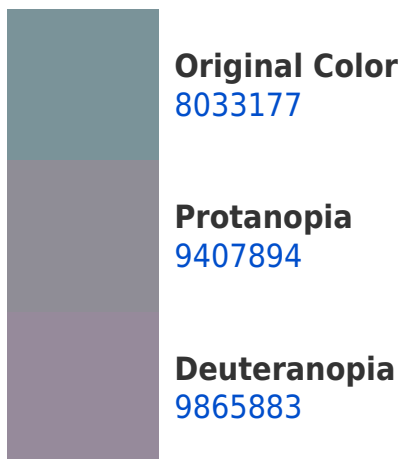


This preview shows how white text looks on a background with the Decimal color 8033177.

# 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](#).

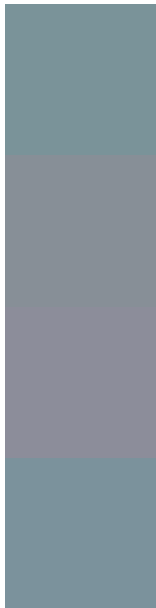
## Dichromacy





**Tritanopia**  
8098462

# Trichromacy



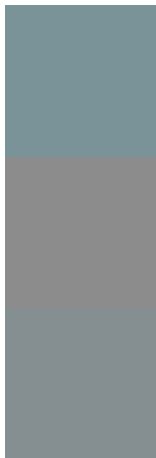
**Original Color**  
8033177

**Protanomaly**  
8884119

**Deuteranomaly**  
9211290

**Tritanomaly**  
8098460

# Monochromacy



**Original Color**  
8033177

**Achromatopsia**  
9211020

**Achromatomaly**  
8753041

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8033177 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 #7A9399 looks like.

```
.text, #text, p{  
    color:#7A9399  
}
```

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 #7A9399 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A9399
}
```

## Border

The CSS property to change the border of an element to Decimal 8033177 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
#7A9399 }
```

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

```
.border{ border-color:#7A9399 }
```

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

Here you see how a box with a 4 pixel #7A9399 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A9399; -webkit-box-shadow:4px 4px  
4px 4px #7A9399; box-shadow:4px 4px 4px  
4px #7A9399 }
```

# Background

The CSS property to change the background color of an element to Decimal 8033177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A9399 }
```

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

```
.background{ background-color:#7A9399 }
```

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