

# Converting Colors

Decimal(8033197)

Have a look what the booklet for  
Decimal(8033197) contains.

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# Color

**Decimal(8033197)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A93AD
RGB	122, 147, 173
RGB Percent	48%, 58%, 68%
CMY	0.5216, 0.4235, 0.3216
CMYK	0.29, 0.15, 0.00, 0.32
HSL	211°, 24%, 58%
HSV	211°, 29%, 68%
XYZ	26.0026, 28.0221, 43.5735
YIQ	142.4890, -23.2460, 2.7860

# Conversions

## Conversions Part 2

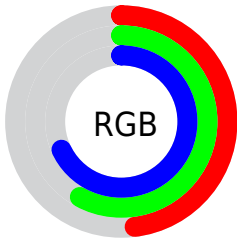
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	122, 139, 173
Decimal	8033197
CIE Lab	59.91, -2.61, -16.51
CIE LCh	60, 16.712, 261.025
Yxy	28.0221, 0.2664, 0.2871
Android (android.graphics.Color)	4286223277 (0xFF7A93AD)
YUV	142.4890, 15.0419, -17.9689
Hunter-Lab	52.9359, -4.9572, -11.7486

# Details

The Decimal color **8033197** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **11375738**, and the grayscale version is **9342606**.

A 20% lighter version of the original color is **11520484**, and **4743545** is the 20% darker color. If you saturate the color by 10%, you get **6916781**, and if you desaturate by 10%, it is **9149613**.

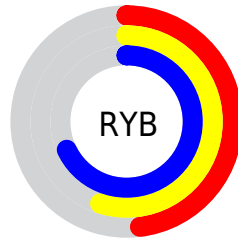
# Distribution



Red (48%)

Green (58%)

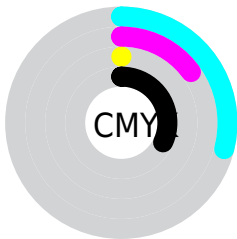
Blue (68%)



Red (48%)

Yellow (55%)

Blue (68%)

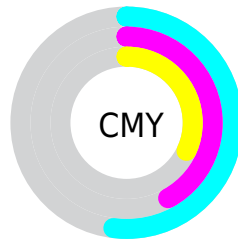


Cyan (29%)

Magenta (15%)

Yellow (0%)

Black (32%)



Cyan (52%)

Magenta (42%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8033197 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 8033197 by changing the saturation by 10% instead.



■ 8033197

■ 8033197

16777215

■ 6322578

■ 11520484

■ 4743545

■ 13362687

■ 3098976

■ 15269887

■ 1520200

■ 7729

■ 541

■ 0

■ 8033197

■ 8033197

■ 6916781

■ 9149613

■ 5734829

■ 10331565

■ 4618669

■ 11447725

■ 3502253

■ 12564141

■ 2385837

■ 13746093

■ 1203885

■ 14862509

■ 87469

■ 15978925

■ 21933

■ 16767661

■ 16769709

# Harmonies

## Analogous

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



7116711



8033197



9277100

# Triad

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



8033197



11503238



8427133

# Complementary

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



8033197



11375738

# 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.



9540469



8033197



11241850

# Square

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



8033197



11241109



10522228



7444875

# Rectangle

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



8033197



10128295



10522228



8754554

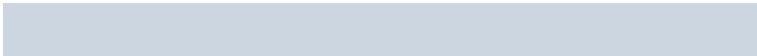


# Sweetspot

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



8033197



13424352



8039828



6580848



15790320



7368816



# Same Dimension

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



8033197



9615584



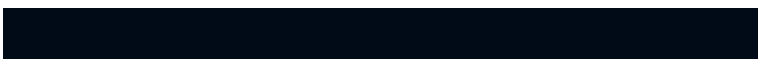
8026797



5132887



19094



2839



# Inverse Universe

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



11369107



14717624



11382138



5721682



9830474

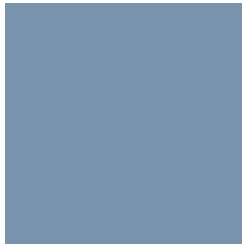


1507339



# Previews

## White Background



This preview shows how the Decimal color 8033197 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 8033197 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

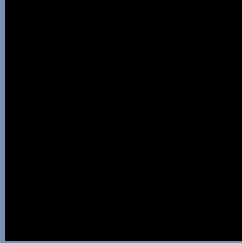
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

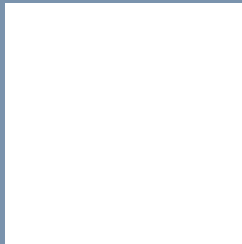
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 8033197 Background



This preview shows how black text looks on a background with the Decimal color 8033197.

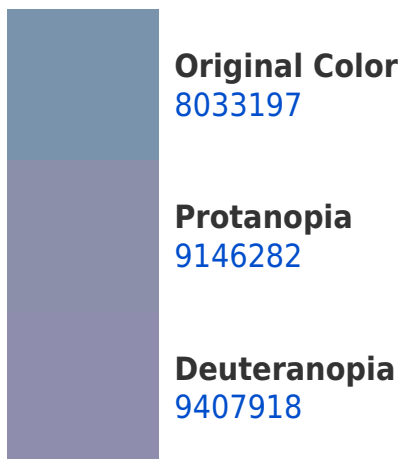


This preview shows how white text looks on a background with the Decimal color 8033197.

# 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**  
8033197

**Protanomaly**  
8753323

**Deuteranomaly**  
8884142

**Tritanomaly**  
7902373

# Monochromacy



**Original Color**  
8033197

**Achromatopsia**  
9342606

**Achromatomaly**  
8884377

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8033197 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 #7A93AD looks like.

```
.text, #text, p{  
    color:#7A93AD  
}
```

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 #7A93AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A93AD
}
```

## Border

The CSS property to change the border of an element to Decimal 8033197 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
#7A93AD }
```

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

```
.border{ border-color:#7A93AD }
```

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

Here you see how a box with a 4 pixel #7A93AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A93AD; -webkit-box-shadow:4px 4px  
4px 4px #7A93AD; box-shadow:4px 4px 4px  
4px #7A93AD }
```

# Background

The CSS property to change the background color of an element to Decimal 8033197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A93AD }
```

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

```
.background{ background-color:#7A93AD }
```

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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