

# Converting Colors

Decimal(8026016)

Have a look what the booklet for  
Decimal(8026016) contains.

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# Color

**Decimal(8026016)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7A77A0
RGB	122, 119, 160
RGB Percent	48%, 47%, 63%
CMY	0.5216, 0.5333, 0.3725
CMYK	0.24, 0.26, 0.00, 0.37
HSL	244°, 18%, 55%
HSV	244°, 26%, 63%
XYZ	20.9680, 19.8693, 35.9877
YIQ	124.5710, -11.3730, 13.3870

# Conversions

## Conversions Part 2

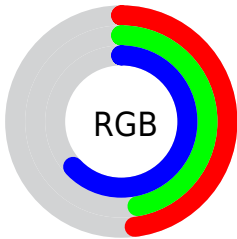
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 119, 160
Decimal	8026016
CIE <sub>Lab</sub>	51.69, 10.35, -21.58
CIE <sub>LCh</sub>	52, 23.931, 295.637
Yxy	19.8693, 0.2729, 0.2586
Android (android.graphics.Color)	4286216096 (0xFF7A77A0)
YUV	124.5710, 17.4665, -2.2548
Hunter-Lab	44.5750, 5.9600, -16.6654

# Details

The Decimal color **8026016** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **10330231**, and the grayscale version is **8158332**.

A 20% lighter version of the original color is **11512791**, and **4736876** is the 20% darker color. If you saturate the color by 10%, you get **7038880**, and if you desaturate by 10%, it is **9013152**.

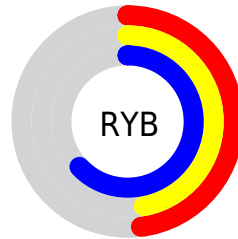
# Distribution



Red (48%)

Green (47%)

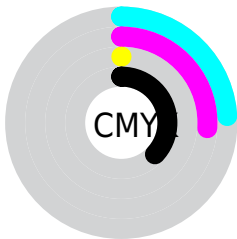
Blue (63%)



Red (48%)

Yellow (47%)

Blue (63%)

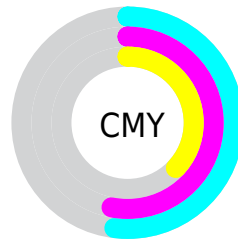


Cyan (24%)

Magenta (26%)

Yellow (0%)

Black (37%)



Cyan (52%)

Magenta (53%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8026016 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 8026016 by changing the saturation by 10% instead.



■ 8026016

■ 8026016

16777215

■ 6381190

■ 11512791

■ 4736876

■ 13354739

■ 3223636

■ 15196927

■ 1711165

■ 327719

■ 272

■ 0

■ 8026016

■ 8026016

■ 7038880

■ 9013152

6051744

10000288

5130144

10921888

4143008

11909024

3155872

12896160

2168736

13883296

1181600

14870432

786592

15857568

16777120

# Harmonies

## Analogous

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



6061732



8026016



9662611

# Triad

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



8026016



10252890



4753015

# Complementary

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



8026016



10330231

# 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.



6325347



8026016



9206098

# Square

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



8026016



10775914



7831382



3769996

# Rectangle

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



8026016



10317190



7831382



5277296



# Sweetspot

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



8026016



12763345



7839136



6250089



15263976



6908265



# Same Dimension

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



8026016



9801937



9336736



4736847



655503



65551



# Inverse Universe

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



10516381



13734092



9019511



5195598



9371780



983054



# Previews

## White Background



This preview shows how the Decimal color 8026016 looks on a white background.

## Color Contrast Check

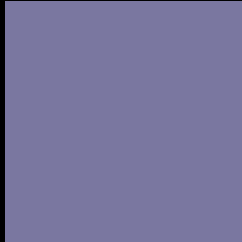
Large Text (above 18pt) WCAG AA ✓ Pass

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 8026016 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 8026016 Background



This preview shows how black text looks on a background with the Decimal color 8026016.



This preview shows how white text looks on a background with the Decimal color 8026016.

# 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](#).

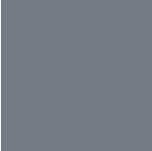
## Dichromacy



**Original Color**  
8026016

**Protanopia**  
7371426

**Deuteranopia**  
7633312



**Tritanopia**  
7699590

# Trichromacy



**Original Color**  
8026016

**Protanomaly**  
7633313

**Deuteranomaly**  
7764128

**Tritanomaly**  
7830159

# Monochromacy



**Original Color**  
8026016

**Achromatopsia**  
8224125

**Achromatomaly**  
8158090

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8026016 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 #7A77A0 looks like.

```
.text, #text, p{  
    color:#7A77A0  
}
```

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 #7A77A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A77A0
}
```

## Border

The CSS property to change the border of an element to Decimal 8026016 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
#7A77A0 }
```

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

```
.border{ border-color:#7A77A0 }
```

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

Here you see how a box with a 4 pixel #7A77A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A77A0; -webkit-box-shadow:4px 4px  
4px 4px #7A77A0; box-shadow:4px 4px 4px  
4px #7A77A0 }
```

# Background

The CSS property to change the background color of an element to Decimal 8026016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A77A0 }
```

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

```
.background{ background-color:#7A77A0 }
```

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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