

# Converting Colors

Decimal(8289440)

Have a look what the booklet for  
Decimal(8289440) contains.

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# Color

**Decimal(8289440)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 7E7CA0                      |
| RGB         | 126, 124, 160               |
| RGB Percent | 49%, 49%, 63%               |
| CMY         | 0.5059, 0.5137, 0.3725      |
| CMYK        | 0.21, 0.22, 0.00, 0.37      |
| HSL         | 243°, 16%, 56%              |
| HSV         | 243°, 22%, 63%              |
| XYZ         | 22.1570, 21.3890, 36.2184   |
| YIQ         | 128.7020, -10.3640, 11.6200 |

# Conversions

## Conversions Part 2

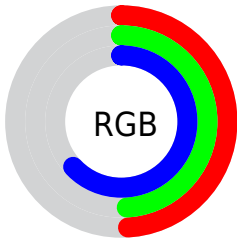
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 126, 124, 160                 |
| Decimal                             | 8289440                       |
| CIE Lab                             | 53.37, 8.70, -18.97           |
| CIE LCh                             | 53, 20.869, 294.649           |
| Yxy                                 | 21.3890, 0.2778,<br>0.2682    |
| Android<br>(android.graphics.Color) | 4286479520<br>(0xFF7E7CA0)    |
| YUV                                 | 128.7020, 15.4299,<br>-2.3697 |
| Hunter-Lab                          | 46.2482, 4.5829,<br>-14.0580  |

# Details

The Decimal color **8289440** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **10395772**, and the grayscale version is **8487297**.

A 20% lighter version of the original color is **11776215**, and **5000044** is the 20% darker color. If you saturate the color by 10%, you get **7302304**, and if you desaturate by 10%, it is **9276576**.

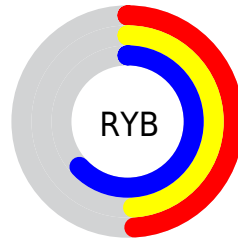
# Distribution



Red (49%)

Green (49%)

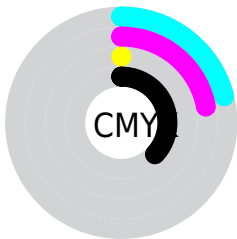
Blue (63%)



Red (49%)

Yellow (49%)

Blue (63%)

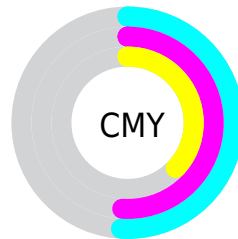


Cyan (21%)

Magenta (22%)

Yellow (0%)

Black (37%)



Cyan (51%)

Magenta (51%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8289440 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 8289440 by changing the saturation by 10% instead.



8289440

8289440

16777215

6644614

11776215

5000044

13618419

3487060

15460607

1974333

657447

273

0

8289440

8289440

7302304

9276576

6315168

10263712

5328032

11250848

4340896

12237984

3288224

13290656

2301088

14277792

1313952

15264928

589984

16252064

16777120

# Harmonies

## Analogous

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



6652579



8289440



9729684

# Triad

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



8289440



10385251



5605756

# Complementary

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



8289440



10395772

# 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.



6850410



8289440



9469276

# Square

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



8289440



10777457



8225631



4884878

# Rectangle

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



8289440



10318729



8225631



5998965



# Sweetspot

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



8289440



12829393



8167072



6381673



15263976



6908265



# Same Dimension

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



8289440



10262993



9469088



4736847



524431



65551



# Inverse Universe

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



10517662



13736398



9216124



5195599



9371783



983054



# Previews

## White Background



This preview shows how the Decimal color 8289440 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 8289440 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

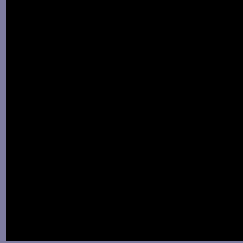
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 8289440 Background



This preview shows how black text looks on a background with the Decimal color 8289440.



This preview shows how white text looks on a background with the Decimal color 8289440.

# 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](#).

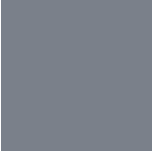
## Dichromacy



**Original Color**  
8289440

**Protanopia**  
7831201

**Deuteranopia**  
8093088



**Tritanopia**  
8028298

# Trichromacy



**Original Color**  
8289440

**Protanomaly**  
8027553

**Deuteranomaly**  
8158624

**Tritanomaly**  
8093586

# Monochromacy



**Original Color**  
8289440

**Achromatopsia**  
8487297

**Achromatomaly**  
8421260

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8289440 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 #7E7CA0 looks like.

```
.text, #text, p{  
    color:#7E7CA0  
}
```

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 #7E7CA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E7CA0
}
```

## Border

The CSS property to change the border of an element to Decimal 8289440 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
#7E7CA0 }
```

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

```
.border{ border-color:#7E7CA0 }
```

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

Here you see how a box with a 4 pixel #7E7CA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E7CA0; -webkit-box-shadow:4px 4px  
4px 4px #7E7CA0; box-shadow:4px 4px 4px  
4px #7E7CA0 }
```

# Background

The CSS property to change the background color of an element to Decimal 8289440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E7CA0 }
```

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

```
.background{ background-color:#7E7CA0 }
```

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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