

# Converting Colors

Decimal(8218022)

Have a look what the booklet for  
Decimal(8218022) contains.

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# Color

**Decimal(8218022)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D65A6
RGB	125, 101, 166
RGB Percent	49%, 40%, 65%
CMY	0.5098, 0.6039, 0.3490
CMYK	0.25, 0.39, 0.00, 0.35
HSL	262°, 27%, 52%
HSV	262°, 39%, 65%
XYZ	19.9941, 16.4205, 38.1921
YIQ	115.5860, -6.5610, 25.3030

# Conversions

## Conversions Part 2

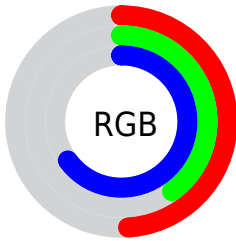
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	125, 101, 166
Decimal	8218022
CIE <sub>Lab</sub>	47.52, 23.57, -31.53
CIE <sub>LCh</sub>	48, 39.363, 306.777
Yxy	16.4205, 0.2680, 0.2201
Android (android.graphics.Color)	4286408102 (0xFF7D65A6)
YUV	115.5860, 24.8541, 8.2561
Hunter-Lab	40.5222, 17.1597, -27.5151

# Details

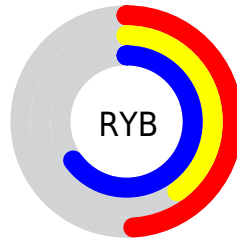
The Decimal color **8218022** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9348709**, and the grayscale version is **7566195**.

A 20% lighter version of the original color is **11770077**, and **4863602** is the 20% darker color. If you saturate the color by 10%, you get **7558310**, and if you desaturate by 10%, it is **8877734**.

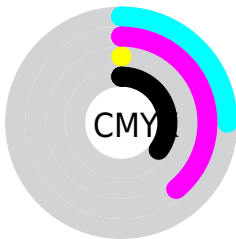
# Distribution



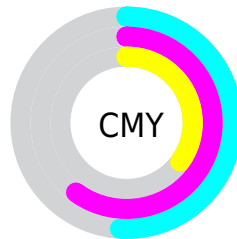
- Red (49%)
- Green (40%)
- Blue (65%)



- Red (49%)
- Yellow (40%)
- Blue (65%)



- Cyan (25%)
- Magenta (39%)
- Yellow (0%)
- Black (35%)



- Cyan (51%)
- Magenta (60%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8218022 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 8218022 by changing the saturation by 10% instead.





8218022



8218022

16777215



6507915



11770077



4863602



13612026



3285081



15454207



1641281



16772095



43



277



0



8218022



8218022



7558310



8877734

6833318

9602726

6173606

10262438

5448614

10987430

4788902

11647142

4063654

12372390

3997862

13031846

13757094

14416550

# Harmonies

## Analogous

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



4420274



8218022



10443148

# Triad

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



8218022



10053171



33143

# Complementary

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



8218022



9348709

# 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.



2719573



8218022



8220972

# Square

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



8218022



11229771



5929529



32919

# Rectangle

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



8218022



11228534



5929529



33132



# Sweetspot

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



8218022



13156313



6655654



6577774



15592941



7237230



# Same Dimension

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



8218022



9991129



10315174



5196884



3604628



524308



# Inverse Universe

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



10904974



14250931



7251557



5524561



9699421

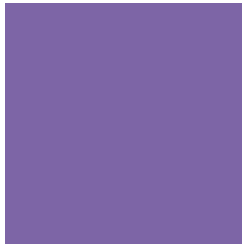


1310733



# Previews

## White Background



This preview shows how the Decimal color 8218022 looks on a white background.

## Color Contrast Check

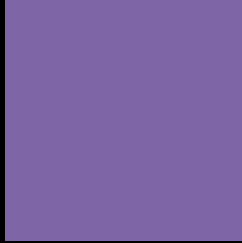
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 8218022 looks on a black 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

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



## Decimal 8218022 Background



This preview shows how black text looks on a background with the Decimal color 8218022.




This preview shows how white text looks on a background with the Decimal color 8218022.

# 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**  
7696248

# Trichromacy



**Original Color**  
8218022

**Protanomaly**  
6777771

**Deuteranomaly**  
6843557

**Tritanomaly**  
7891849

# Monochromacy



**Original Color**  
8218022

**Achromatopsia**  
7631988

**Achromatomaly**  
7827334

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8218022 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 #7D65A6 looks like.

```
.text, #text, p{  
    color:#7D65A6  
}
```

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 #7D65A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D65A6
}
```

## Border

The CSS property to change the border of an element to Decimal 8218022 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
#7D65A6 }
```

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

```
.border{ border-color:#7D65A6 }
```

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

Here you see how a box with a 4 pixel #7D65A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D65A6; -webkit-box-shadow:4px 4px  
4px 4px #7D65A6; box-shadow:4px 4px 4px  
4px #7D65A6 }
```

# Background

The CSS property to change the background color of an element to Decimal 8218022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D65A6 }
```

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

```
.background{ background-color:#7D65A6 }
```

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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