

# Converting Colors

Decimal(8212905)

Have a look what the booklet for  
Decimal(8212905) contains.

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# Color

**Decimal(8212905)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D51A9
RGB	125, 81, 169
RGB Percent	49%, 32%, 66%
CMY	0.5098, 0.6824, 0.3373
CMYK	0.26, 0.52, 0.00, 0.34
HSL	270°, 35%, 49%
HSV	270°, 52%, 66%
XYZ	18.5613, 13.1094, 39.0882
YIQ	104.1880, -2.0240, 36.6960

# Conversions

## Conversions Part 2

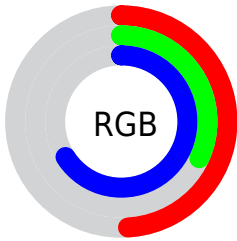
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	125, 81, 169
Decimal	8212905
CIE <sub>Lab</sub>	42.93, 36.09, -40.54
CIE <sub>LCh</sub>	43, 54.278, 311.672
Yxy	13.1094, 0.2623, 0.1853
Android (android.graphics.Color)	4286402985 (0xFF7D51A9)
YUV	104.1880, 31.9523, 18.2521
Hunter-Lab	36.2069, 28.1451, -38.6634

# Details

The Decimal color **8212905** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **8235345**, and the grayscale version is **6842472**.

A 20% lighter version of the original color is **11830497**, and **4792692** is the 20% darker color. If you saturate the color by 10%, you get **7684265**, and if you desaturate by 10%, it is **8741545**.

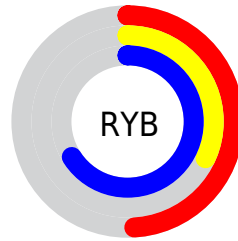
# Distribution



Red (49%)

Green (32%)

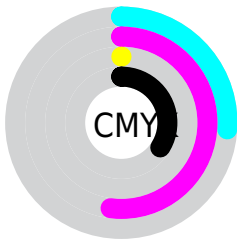
Blue (66%)



Red (49%)

Yellow (32%)

Blue (66%)

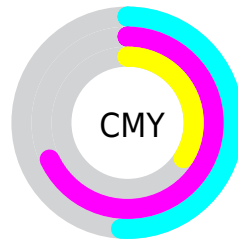


Cyan (26%)

Magenta (52%)

Yellow (0%)

Black (34%)



Cyan (51%)

Magenta (68%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8212905 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 8212905 by changing the saturation by 10% instead.





8212905



8212905

16777215



6502798



11830497



4792692



13672190



3082587



15579647



1507395



16766463



44



16773887



278



0



8212905



8212905



7684265



8741545

7090089

9335721

6561449

9864361

5967273

10458537

5505193

10986921

11581097

12109737

12703913

13232553

# Harmonies

## Analogous

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



1140158



8212905



10960003

# Triad

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



8212905



9459968



31350

# Complementary

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



8212905



8235345

# 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.



30791



8212905



6973696

# Square

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



8212905



11224363



3633946



30880

# Rectangle

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



8212905



11744613



3633946



31335



# Sweetspot

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



8212905



13285595



5340585



6510958



15592941



7237230



# Same Dimension

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



8212905



9917403



11096489



5262420



4849812



655380



# Inverse Universe

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



11096445



14373783



5351761



5524560



9699402

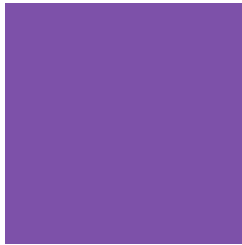


1310730



# Previews

## White Background



This preview shows how the Decimal color 8212905 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 8212905 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

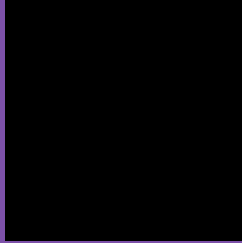
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 8212905 Background



This preview shows how black text looks on a background with the Decimal color 8212905.

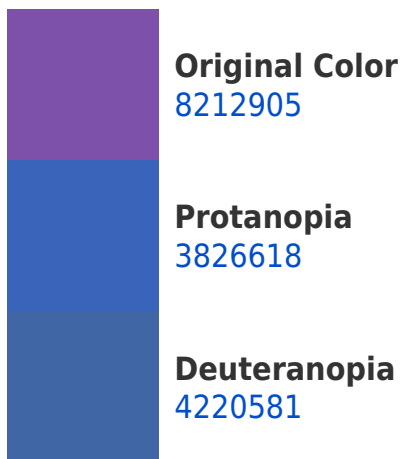


This preview shows how white text looks on a background with the Decimal color 8212905.

# 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**  
7496041

# Trichromacy



**Original Color**  
8212905

**Protanomaly**  
5397684

**Deuteranomaly**  
5660326

**Tritanomaly**  
7756672

# Monochromacy



**Original Color**  
8212905

**Achromatopsia**  
6842472

**Achromatomaly**  
7364736

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8212905 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 #7D51A9 looks like.

```
.text, #text, p{  
    color:#7D51A9  
}
```

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 #7D51A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D51A9
}
```

## Border

The CSS property to change the border of an element to Decimal 8212905 is called "border". The border property can be set on classes, ids or directly on the HTML element.

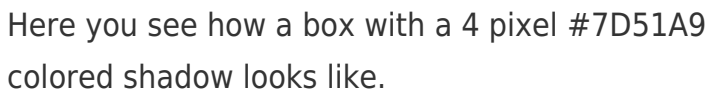
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7D51A9 }
```

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

```
.border{ border-color:#7D51A9 }
```

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



Here you see how a box with a 4 pixel #7D51A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D51A9; -webkit-box-shadow:4px 4px  
4px 4px #7D51A9; box-shadow:4px 4px 4px  
4px #7D51A9 }
```

# Background

The CSS property to change the background color of an element to Decimal 8212905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D51A9 }
```

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

```
.background{ background-color:#7D51A9 }
```

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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