

# Converting Colors

Decimal(8219571)

Have a look what the booklet for  
Decimal(8219571) contains.

<b>Decimal(8219571)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(8219571)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7D6BB3
RGB	125, 107, 179
RGB Percent	49%, 42%, 70%
CMY	0.5098, 0.5804, 0.2980
CMYK	0.30, 0.40, 0.00, 0.30
HSL	255°, 32%, 56%
HSV	255°, 40%, 70%
XYZ	21.8518, 18.1300, 44.9956
YIQ	120.5900, -12.3840, 26.2080

# Conversions

## Conversions Part 2

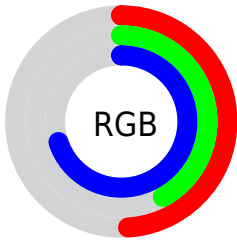
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	125, 107, 179
Decimal	8219571
CIE Lab	49.65, 23.32, -35.77
CIE LCh	50, 42.702, 303.093
Yxy	18.1300, 0.2571, 0.2134
Android (android.graphics.Color)	4286409651 (0xFF7D6BB3)
YUV	120.5900, 28.7961, 3.8676
Hunter-Lab	42.5794, 17.0926, -32.8489

# Details

The Decimal color **8219571** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **10597227**, and the grayscale version is **7895160**.

A 20% lighter version of the original color is **11771883**, and **4799358** is the 20% darker color. If you saturate the color by 10%, you get **7362995**, and if you desaturate by 10%, it is **9076147**.

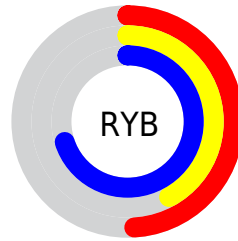
# Distribution



Red (49%)

Green (42%)

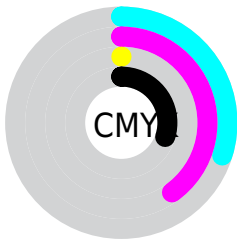
Blue (70%)



Red (49%)

Yellow (42%)

Blue (70%)

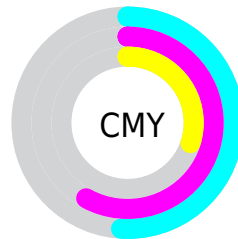


Cyan (30%)

Magenta (40%)

Yellow (0%)

Black (30%)



Cyan (51%)

Magenta (58%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8219571 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 8219571 by changing the saturation by 10% instead.



■ 8219571

■ 8219571

16777215

■ 6509464

■ 11771883

■ 4799358

■ 13613823

■ 3155300

■ 15521279

■ 1446220

■ 16773887

■ 131125

■ 543

■ 2

■ 0

■ 8219571

■ 8219571

7362995

9076147

6440883

9998259

5584307

10854835

4662195

11776947

3805875

12633267

2949299

13555379

14411955

15268531

16187315

# Harmonies

## Analogous

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



3570110



8219571



10902936

# Triad

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



8219571



10774581



34937

# Complementary

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



8219571



10597227

# 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.



3049044



8219571



8877354

# Square

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



8219571



11950928



6455094



34717

# Rectangle

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



8219571



11818880



6455094



34924



# Sweetspot

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



8219571



13880552



7053747



6907253



16119285



7697781



# Same Dimension

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



8219571



9796072



10578867



5460057



2490521



393242



# Inverse Universe

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



11758497



15235532



8237931



5853271



10027123



1703955



# Previews

## White Background



This preview shows how the Decimal color 8219571 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 8219571 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

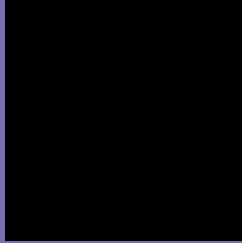
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 8219571 Background



This preview shows how black text looks on a background with the Decimal color 8219571.

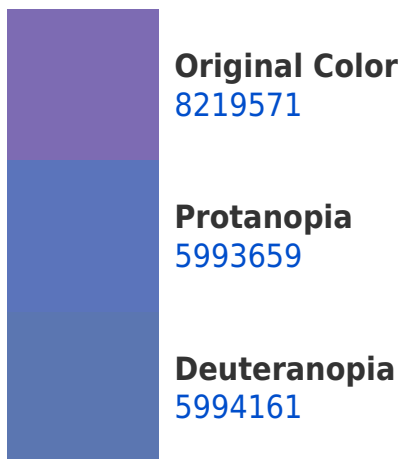



This preview shows how white text looks on a background with the Decimal color 8219571.

# 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**  
7566975

# Trichromacy



**Original Color**  
8219571

**Protanomaly**  
6779320

**Deuteranomaly**  
6779570

**Tritanomaly**  
7828114

# Monochromacy



**Original Color**  
8219571

**Achromatopsia**  
7960953

**Achromatomaly**  
8025230

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8219571 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 #7D6BB3 looks like.

```
.text, #text, p{  
  color:#7D6BB3  
}
```

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 #7D6BB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D6BB3
}
```

## Border

The CSS property to change the border of an element to Decimal 8219571 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
#7D6BB3 }
```

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

```
.border{ border-color:#7D6BB3 }
```

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

Here you see how a box with a 4 pixel #7D6BB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D6BB3; -webkit-box-shadow:4px 4px  
4px 4px #7D6BB3; box-shadow:4px 4px 4px  
4px #7D6BB3 }
```

# Background

The CSS property to change the background color of an element to Decimal 8219571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D6BB3 }
```

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

```
.background{ background-color:#7D6BB3 }
```

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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