

# Converting Colors

Decimal(8221619)

Have a look what the booklet for  
Decimal(8221619) contains.

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# Color

**Decimal(8221619)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7D73B3
RGB	125, 115, 179
RGB Percent	49%, 45%, 70%
CMY	0.5098, 0.5490, 0.2980
CMYK	0.30, 0.36, 0.00, 0.30
HSL	249°, 30%, 58%
HSV	249°, 36%, 70%
XYZ	22.7249, 19.8761, 45.2866
YIQ	125.2860, -14.5840, 22.0240

# Conversions

## Conversions Part 2

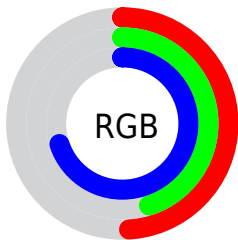
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	125, 115, 179
Decimal	8221619
CIE Lab	51.70, 18.53, -32.57
CIE LCh	52, 37.476, 299.640
Yxy	19.8761, 0.2586, 0.2262
Android (android.graphics.Color)	4286411699 (0xFF7D73B3)
YUV	125.2860, 26.4810, -0.2508
Hunter-Lab	44.5826, 12.9662, -29.0183

# Details

The Decimal color **8221619** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **11121523**, and the grayscale version is **8224125**.

A 20% lighter version of the original color is **11773931**, and **4866942** is the 20% darker color. If you saturate the color by 10%, you get **7233971**, and if you desaturate by 10%, it is **9209267**.

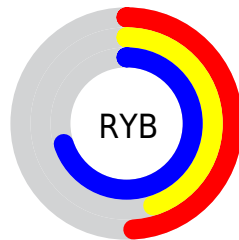
# Distribution



Red (49%)

Green (45%)

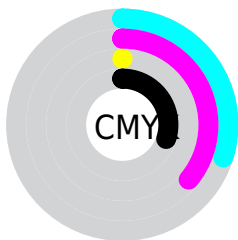
Blue (70%)



Red (49%)

Yellow (45%)

Blue (70%)

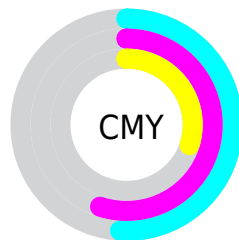


Cyan (30%)

Magenta (36%)

Yellow (0%)

Black (30%)



Cyan (51%)

Magenta (55%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8221619 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 8221619 by changing the saturation by 10% instead.



■ 8221619

■ 8221619

16777215

■ 6511256

■ 11773931

■ 4866942

■ 13615871

■ 3222885

■ 15523583

■ 1513548

■ 16776191

■ 131125

■ 543

■ 2

■ 0

■ 8221619

■ 8221619

7233971

9209267

6246323

10196915

5258675

11184563

4271027

12172211

3217843

13225139

2230451

14212787

1835187

15200435

16187315

16777139

# Harmonies

## Analogous

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



4423611



8221619



10708892

# Triad

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



8221619



11038276



35962

# Complementary

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



8221619



11121523

# 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.



4622682



8221619



9402681

# Square

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



8221619



12018781



7242562



35738

# Rectangle

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



8221619



11625096



7242562



1936239



# Sweetspot

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



8221619



13881320



7580083



6841973



16119285



7697781



# Same Dimension

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



8221619



9733352



10318771



5394521



1573017



262170



# Inverse Universe

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



11760553



15238360



9024371



5853272



10027137

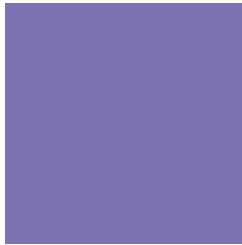


1703958



# Previews

## White Background



This preview shows how the Decimal color 8221619 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 8221619 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 8221619 Background



This preview shows how black text looks on a background with the Decimal color 8221619.

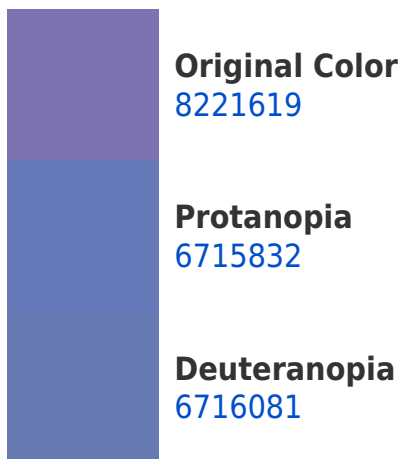


This preview shows how white text looks on a background with the Decimal color 8221619.

# 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





# Trichromacy



**Original Color**  
8221619

**Protanomaly**  
7239606

**Deuteranomaly**  
7239602

**Tritanomaly**  
7829910

# Monochromacy



**Original Color**  
8221619

**Achromatopsia**  
8224125

**Achromatomaly**  
8223121

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8221619 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 #7D73B3 looks like.

```
.text, #text, p{  
    color:#7D73B3  
}
```

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 #7D73B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D73B3
}
```

## Border

The CSS property to change the border of an element to Decimal 8221619 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
#7D73B3 }
```

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

```
.border{ border-color:#7D73B3 }
```

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

Here you see how a box with a 4 pixel #7D73B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D73B3; -webkit-box-shadow:4px 4px  
4px 4px #7D73B3; box-shadow:4px 4px 4px  
4px #7D73B3 }
```

# Background

The CSS property to change the background color of an element to Decimal 8221619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D73B3 }
```

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

```
.background{ background-color:#7D73B3 }
```

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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