

# Converting Colors

Decimal(7825339)

Have a look what the booklet for  
Decimal(7825339) contains.

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# Color

**Decimal(7825339)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7767BB
RGB	119, 103, 187
RGB Percent	47%, 40%, 73%
CMY	0.5333, 0.5961, 0.2667
CMYK	0.36, 0.45, 0.00, 0.27
HSL	251°, 38%, 57%
HSV	251°, 45%, 73%
XYZ	21.4276, 17.2103, 49.2063
YIQ	117.3600, -17.4280, 29.5160

# Conversions

## Conversions Part 2

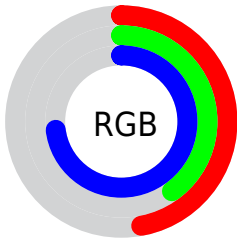
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	119, 103, 187
Decimal	7825339
CIE Lab	48.52, 26.19, -42.23
CIE LCh	49, 49.693, 301.804
Yxy	17.2103, 0.2439, 0.1959
Android (android.graphics.Color)	4286015419 (0xFF7767BB)
YUV	117.3600, 34.3325, 1.4383
Hunter-Lab	41.4853, 19.5981, -41.2850

# Details

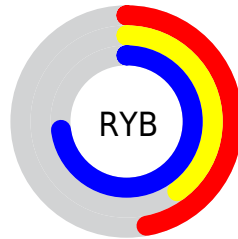
The Decimal color **7825339** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **11254631**, and the grayscale version is **7697781**.

A 20% lighter version of the original color is **11442932**, and **4339845** is the 20% darker color. If you saturate the color by 10%, you get **6837435**, and if you desaturate by 10%, it is **8813243**.

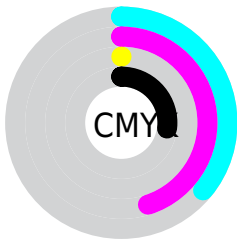
# Distribution



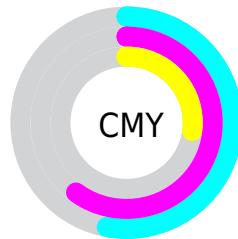
- Red (47%)
- Green (40%)
- Blue (73%)



- Red (47%)
- Yellow (40%)
- Blue (73%)



- Cyan (36%)
- Magenta (45%)
- Yellow (0%)
- Black (27%)



- Cyan (53%)
- Magenta (60%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7825339 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 7825339 by changing the saturation by 10% instead.



■ 7825339

■ 7825339

16777215

■ 6049696

■ 11442932

■ 4339845

■ 13284863

■ 2564715

■ 15192575

■ 200275

■ 16772607

■ 59

■ 548

■ 12

■ 0

■ 7825339

■ 7825339

6837435

8813243

5849787

9800891

4861883

10788795

3808443

11842235

2820795

12829883

2359483

13817787

14805691

15793595

16777147

# Harmonies

## Analogous

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



30663



7825339



11031964

# Triad

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



7825339



11035175



34677

# Complementary

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



7825339



11254631

# 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.



1279050



7825339



8876565

# Square

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



7825339



12341833



6061606



34718

# Rectangle

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



7825339



12144001



6061606



34662



# Sweetspot

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



7825339



14275570



6794427



7038842



16448250



8026746



# Same Dimension

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



7825339



8941554



10512315



5723486



1966238



393247



# Inverse Universe

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



12281771



15888345



8567655



6182237



10354816



2031641



# Previews

## White Background



This preview shows how the Decimal color 7825339 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 7825339 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 7825339 Background



This preview shows how black text looks on a background with the Decimal color 7825339.



This preview shows how white text looks on a background with the Decimal color 7825339.

# Color Blindness Simulation

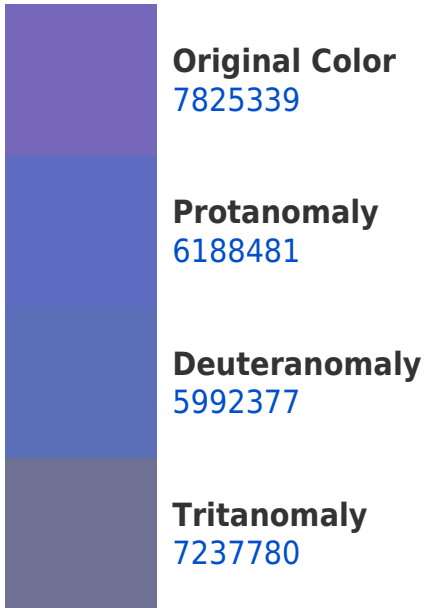
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7825339 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 #7767BB looks like.

```
.text, #text, p{  
    color:#7767BB  
}
```

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 #7767BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7767BB  
}
```

## Border

The CSS property to change the border of an element to Decimal 7825339 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  
#7767BB }
```

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

```
.border{ border-color:#7767BB }
```

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

Here you see how a box with a 4 pixel #7767BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7767BB; -webkit-box-shadow:4px 4px  
4px 4px #7767BB; box-shadow:4px 4px 4px  
4px #7767BB }
```

# Background

The CSS property to change the background color of an element to Decimal 7825339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7767BB }
```

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

```
.background{ background-color:#7767BB }
```

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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