

# Converting Colors

Decimal(7816876)

Have a look what the booklet for  
Decimal(7816876) contains.

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# Color

**Decimal(7816876)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7746AC
RGB	119, 70, 172
RGB Percent	47%, 27%, 67%
CMY	0.5333, 0.7255, 0.3255
CMYK	0.31, 0.59, 0.00, 0.33
HSL	269°, 42%, 47%
HSV	269°, 59%, 67%
XYZ	17.2443, 11.2808, 40.2983
YIQ	96.2790, -3.5380, 42.1100

# Conversions

## Conversions Part 2

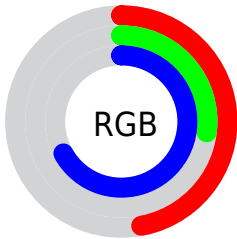
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	119, 70, 172
Decimal	7816876
CIE Lab	40.05, 41.46, -46.96
CIE LCh	40, 62.644, 311.444
Yxy	11.2808, 0.2506, 0.1639
Android (android.graphics.Color)	4286006956 (0xFF7746AC)
YUV	96.2790, 37.3305, 19.9263
Hunter-Lab	33.5869, 32.8689, -47.6265

# Details

The Decimal color **7816876** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **8105030**, and the grayscale version is **6316128**.

A 20% lighter version of the original color is **11434468**, and **4265335** is the 20% darker color. If you saturate the color by 10%, you get **7222700**, and if you desaturate by 10%, it is **8411052**.

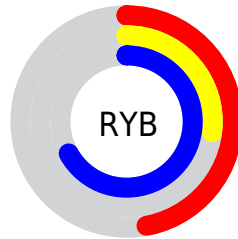
# Distribution



Red (47%)

Green (27%)

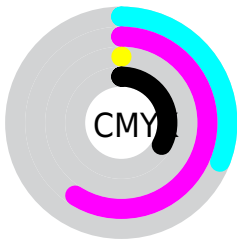
Blue (67%)



Red (47%)

Yellow (27%)

Blue (67%)

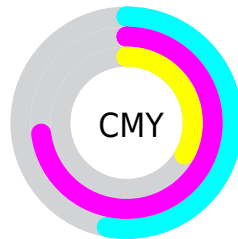


Cyan (31%)

Magenta (59%)

Yellow (0%)

Black (33%)



Cyan (53%)

Magenta (73%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7816876 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 7816876 by changing the saturation by 10% instead.



■ 7816876

■ 7816876

16777215

■ 6041233

■ 11434468

■ 4265335

■ 13341695

■ 2490462

■ 15249151

■ 1048645

■ 16763647

■ 1070

■ 16770815

■ 280

■ 0

■ 7816876

■ 7816876

■ 7222700

■ 8411052

6628524

9005228

6034092

9599660

5439916

10193836

5439660

10788012

11382188

11976364

12505260

13099436

# Harmonies

## Analogous

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



24260



7816876



11019904

# Triad

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



7816876



9195520



29809

# Complementary

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



7816876



8105030

# 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.



29244



7816876



6382080

# Square

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



7816876



11220252



2256128



29602

# Rectangle

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



7816876



11868254



2256128



29792



# Sweetspot

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



7816876



13351136



4619436



6510704



15790320



7368816



# Same Dimension

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



7816876



9322976



11093676



5394007



4718742



720919



# Inverse Universe

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



11290235



14696852



4828230



5721683



9830478



1507340



# Previews

## White Background



This preview shows how the Decimal color 7816876 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 7816876 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

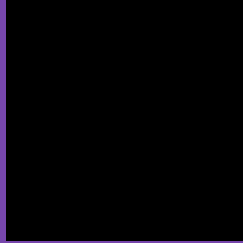
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7816876 Background



This preview shows how black text looks on a background with the Decimal color 7816876.



This preview shows how white text looks on a background with the Decimal color 7816876.

# 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**  
6904674

# Trichromacy



**Original Color**

7816876



**Protanomaly**

2839482



**Deuteranomaly**

4216745



**Tritanomaly**

7230333

# Monochromacy



**Original Color**

7816876



**Achromatopsia**

6316128



**Achromatomaly**

6838140

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7816876 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 #7746AC looks like.

```
.text, #text, p{  
    color:#7746AC  
}
```

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 #7746AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7746AC
}
```

## Border

The CSS property to change the border of an element to Decimal 7816876 is called "border". The border property can be set on classes, ids or directly on the HTML element.

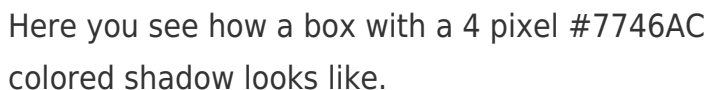
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7746AC }
```

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

```
.border{ border-color:#7746AC }
```

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



Here you see how a box with a 4 pixel #7746AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7746AC; -webkit-box-shadow:4px 4px  
4px 4px #7746AC; box-shadow:4px 4px 4px  
4px #7746AC }
```

# Background

The CSS property to change the background color of an element to Decimal 7816876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7746AC }
```

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

```
.background{ background-color:#7746AC }
```

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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