

# Converting Colors

Decimal(7817576)

Have a look what the booklet for  
Decimal(7817576) contains.

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**Color**

**Decimal(7817576)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	774968
RGB	119, 73, 104
RGB Percent	47%, 29%, 41%
CMY	0.5333, 0.7137, 0.5922
CMYK	0.00, 0.39, 0.13, 0.53
HSL	320°, 24%, 38%
HSV	320°, 39%, 47%
XYZ	12.4890, 9.6865, 14.3081
YIQ	90.2880, 17.4650, 19.3930

# Conversions

## Conversions Part 2

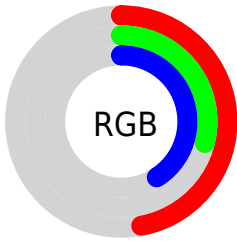
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	119, 73, 104
Decimal	7817576
CIE <sub>Lab</sub>	37.27, 24.57, -9.83
CIE <sub>LCh</sub>	37, 26.460, 338.193
Yxy	9.6865, 0.3423, 0.2655
Android (android.graphics.Color)	4286007656 (0xFF774968)
YUV	90.2880, 6.7600, 25.1804
Hunter-Lab	31.1231, 17.1623, -5.4710

# Details

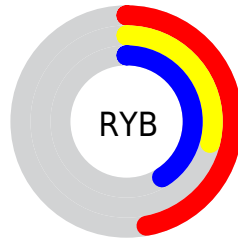
The Decimal color **7817576** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4814680**, and the grayscale version is **5921370**.

A 20% lighter version of the original color is **11303835**, and **4528953** is the 20% darker color. If you saturate the color by 10%, you get **7814500**, and if you desaturate by 10%, it is **7820652**.

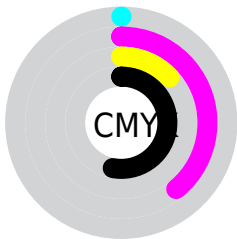
# Distribution



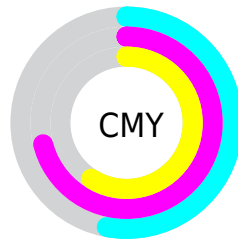
- Red (47%)
- Green (29%)
- Blue (41%)



- Red (47%)
- Yellow (29%)
- Blue (41%)



- Cyan (0%)
- Magenta (39%)
- Yellow (13%)
- Black (53%)



- Cyan (53%)
- Magenta (71%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7817576 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 7817576 by changing the saturation by 10% instead.



7817576

7817576

16777215

6173264

11303835

4528953

13145526

3015971

14987218

1507341

16763886

0

16771071

7817576

7817576

7814500

7820652

7811424

7823728

7808348

7826804

7805272

7829880

7802197

7832699

7799377

7835775

7798864

7838851

7841927

7845003

# Harmonies

## Analogous

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



6443129



7817576



8406867

# Triad

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



7817576



6314029



25201

# Complementary

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



7817576



4814680

# 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.



25437



7817576



4808245

# Square

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



7817576



7491888



2974279



1138303

# Rectangle

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



7817576



8407109



2974279



25195



# Sweetspot

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



7817576



10258837



5785975



5194827



13619151



5197647



# Same Dimension

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



7817576



10245252



7817553



3880249



7995474



16384168



# Inverse Universe

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



7817576



10245252



4814703



3880249



7995474

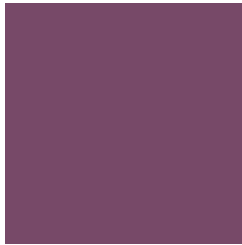


16384168



# Previews

## White Background



This preview shows how the Decimal color 7817576 looks on a white background.

## Color Contrast Check

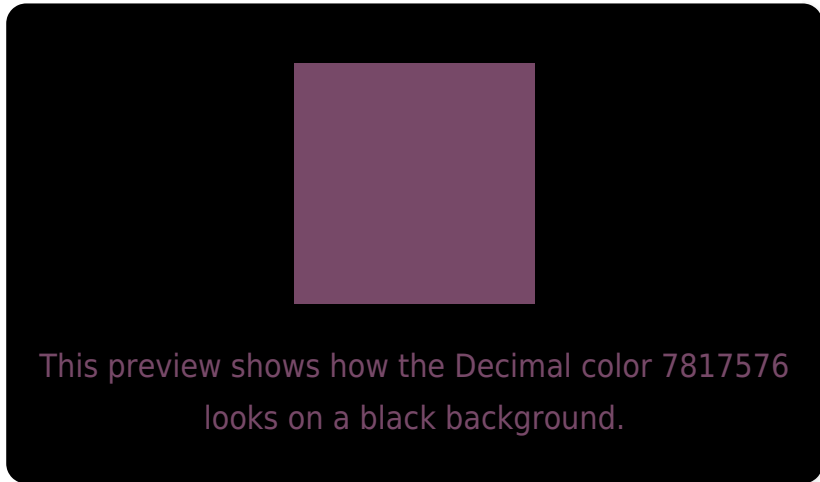
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

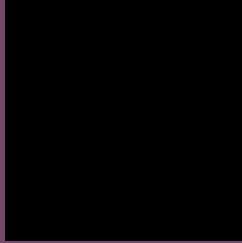
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7817576 Background



This preview shows how black text looks on a background with the Decimal color 7817576.



This preview shows how white text looks on a background with the Decimal color 7817576.

# 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**  
7687507

# Trichromacy



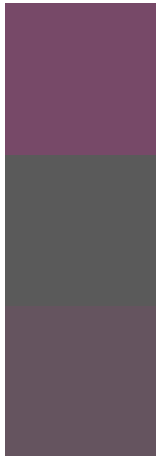
**Original Color**  
7817576

**Protanomaly**  
6247022

**Deuteranomaly**  
6639975

**Tritanomaly**  
7752795

# Monochromacy



**Original Color**  
7817576

**Achromatopsia**  
5921370

**Achromatomaly**  
6640735

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7817576 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 #774968 looks like.

```
.text, #text, p{  
    color:#774968  
}
```

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 #774968 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #774968
}
```

## Border

The CSS property to change the border of an element to Decimal 7817576 is called "border". The border property can be set on classes, ids or directly on the HTML element.

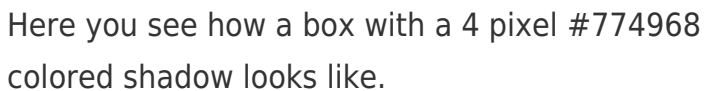
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#774968 }
```

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

```
.border{ border-color:#774968 }
```

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



Here you see how a box with a 4 pixel #774968 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #774968; -webkit-box-shadow:4px 4px  
4px 4px #774968; box-shadow:4px 4px 4px  
4px #774968 }
```

# Background

The CSS property to change the background color of an element to Decimal 7817576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#774968 }
```

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

```
.background{ background-color:#774968 }
```

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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