

# Converting Colors

Decimal(7818248)

Have a look what the booklet for  
Decimal(7818248) contains.

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**Color**

**Decimal(7818248)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	774C08
RGB	119, 76, 8
RGB Percent	47%, 30%, 3%
CMY	0.5333, 0.7020, 0.9686
CMYK	0.00, 0.36, 0.93, 0.53
HSL	37°, 87%, 25%
HSV	37°, 93%, 47%
XYZ	10.2360, 9.1084, 1.4483
YIQ	81.1050, 47.4560, -12.0320

# Conversions

## Conversions Part 2

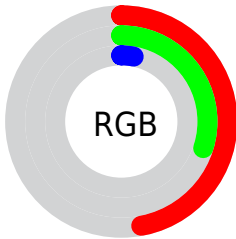
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	78, 119, 8
Decimal	7818248
CIE Lab	36.19, 12.92, 42.60
CIE LCh	36, 44.515, 73.128
Yxy	9.1084, 0.4923, 0.4381
Android (android.graphics.Color)	4286008328 (0xFF774C08)
YUV	81.1050, -36.0408, 33.2339
Hunter-Lab	30.1800, 7.7259, 18.2807

# Details

The Decimal color **7818248** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **537463**, and the grayscale version is **5329233**.

A 20% lighter version of the original color is **11500859**, and **4268032** is the 20% darker color. If you saturate the color by 10%, you get **7817472**, and if you desaturate by 10%, it is **7819540**.

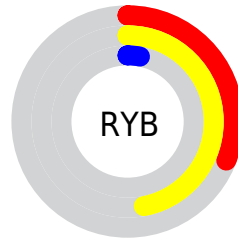
# Distribution



Red (47%)

Green (30%)

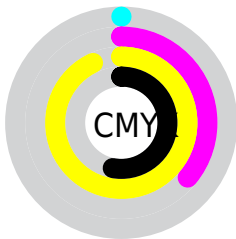
Blue (3%)



Red (31%)

Yellow (47%)

Blue (3%)

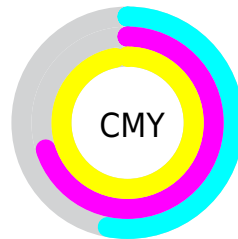


Cyan (0%)

Magenta (36%)

Yellow (93%)

Black (53%)



Cyan (53%)

Magenta (70%)

Yellow (97%)


# Brightness & Saturation Gradients

These gradients show how the Decimal color 7818248 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 7818248 by changing the saturation by 10% instead.



 7818248

 7818248

 16777206

 6042880

 11500859

 4268032

 13408084

 2624256

 15380845

 0

 16764295

 16771490

 16777149

 16777178

 7818248

 7818248

■ 7817472

■ 7819540

■ 7820576

■ 7821868

■ 7822904

■ 7824195

■ 7825487

■ 7826523

■ 7827815

■ 7828851

# Harmonies

## Analogous

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



9256230



7818248



5789697

# Triad

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



7818248



26212



7029898

# Complementary

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



7818248



537463

# 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.



2512027



7818248



25733

# Square

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



7818248



25663



24473



9123179

# Rectangle

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



7818248



4152850



24473



5917329



# Sweetspot

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



7818248



10259312



7800884



5195060



13619151



5197647



# Same Dimension

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



7818248



10247936



7108360



3881013



8014592



16423168



# Inverse Universe

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



537463



15516



1247351



3487547



12154

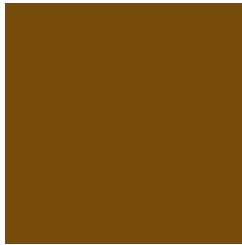


25082



# Previews

## White Background



This preview shows how the Decimal color 7818248 looks on a white background.

## Color Contrast Check

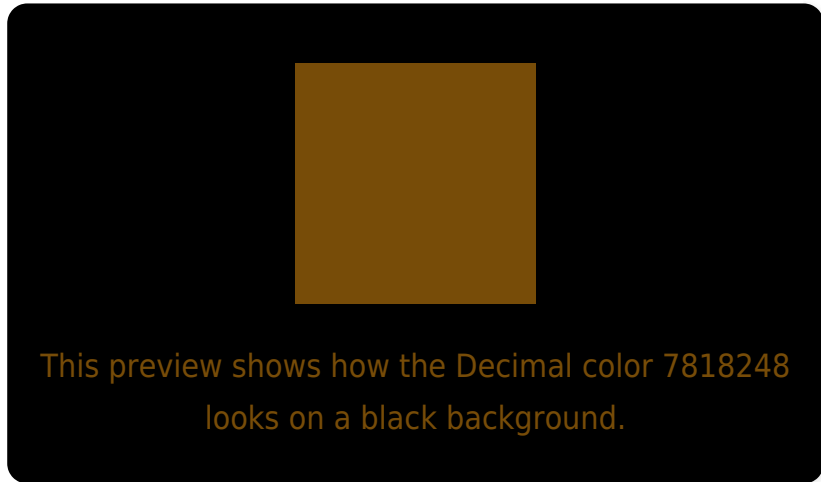
Large Text (above 18pt) WCAG AA ✓ Pass

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 7818248 Background



This preview shows how black text looks on a background with the Decimal color 7818248.



This preview shows how white text looks on a background with the Decimal color 7818248.

# 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



**Original Color**  
7818248

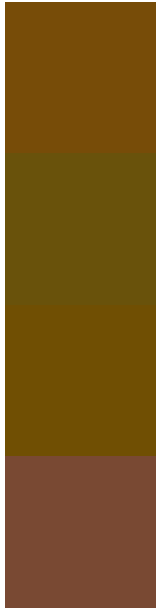
**Protanopia**  
6379020

**Deuteranopia**  
7098624



**Tritanopia**  
8013644

# Trichromacy



**Original Color**  
7818248

**Protanomaly**  
6902283

**Deuteranomaly**  
7360259

**Tritanomaly**  
7948595

# Monochromacy



**Original Color**  
7818248

**Achromatopsia**  
5329233

**Achromatomaly**  
6246198

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7818248 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 #774C08 looks like.

```
.text, #text, p{  
  color:#774C08  
}
```

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 #774C08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #774C08
}
```

## Border

The CSS property to change the border of an element to Decimal 7818248 is called "border". The border property can be set on classes, ids or directly on the HTML element.

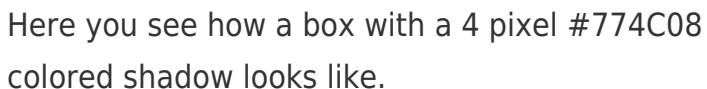
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#774C08 }
```

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

```
.border{ border-color:#774C08 }
```

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



Here you see how a box with a 4 pixel `#774C08` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #774C08; -webkit-box-shadow:4px 4px  
4px 4px #774C08; box-shadow:4px 4px 4px  
4px #774C08 }
```

# Background

The CSS property to change the background color of an element to Decimal 7818248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#774C08 }
```

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

```
.background{ background-color:#774C08 }
```

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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