

# Converting Colors

Decimal(7746588)

Have a look what the booklet for  
Decimal(7746588) contains.

<b>Decimal(7746588)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Decimal(7746588)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	76341C
RGB	118, 52, 28
RGB Percent	46%, 20%, 11%
CMY	0.5373, 0.7961, 0.8902
CMYK	0.00, 0.56, 0.76, 0.54
HSL	16°, 62%, 29%
HSV	16°, 76%, 46%
XYZ	8.9088, 6.3914, 1.8627
YIQ	68.9980, 47.0400, 6.5280

# Conversions

## Conversions Part 2

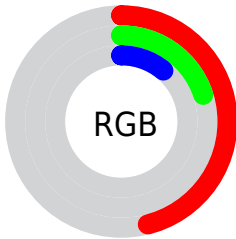
Format	Color
R <sub>Y</sub> B	118, 61, 28
Decimal	7746588
CIE Lab	30.38, 27.21, 28.43
CIE LCh	30, 39.356, 46.252
Yxy	6.3914, 0.5191, 0.3724
Android (android.graphics.Color)	4285936668 (0xFF76341C)
YUV	68.9980, -20.2120, 42.9748
Hunter-Lab	25.2812, 18.6594, 13.3283

# Details

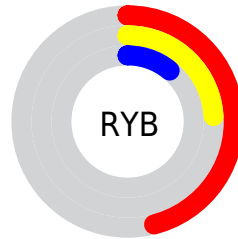
The Decimal color **7746588** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **1859190**, and the grayscale version is **4539717**.

A 20% lighter version of the original color is **11494473**, and **4195584** is the 20% darker color. If you saturate the color by 10%, you get **7744272**, and if you desaturate by 10%, it is **7748904**.

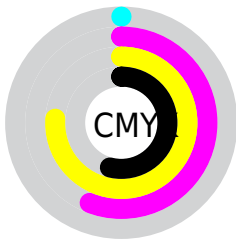
# Distribution



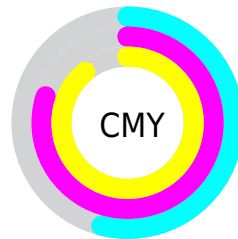
- Red (46%)
- Green (20%)
- Blue (11%)



- Red (46%)
- Yellow (24%)
- Blue (11%)



- Cyan (0%)
- Magenta (56%)
- Yellow (76%)
- Black (54%)



- Cyan (54%)
- Magenta (80%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7746588 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 7746588 by changing the saturation by 10% instead.



 7746588

 7746588

16777215

 5971204

 11494473

 4195584

 13401697

 2686977

 15308922

 0

 16757652

 16764847

 16772042

 16777190

 7746588

 7746588

■ 7744272

■ 7748904

■ 7742212

■ 7750964

■ 7741184

■ 7753279

■ 7755595

■ 7757655

■ 7759971

■ 7762287

■ 7764346

■ 7766662

# Harmonies

## Analogous

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



8268344



7746588



6439172

# Triad

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



7746588



21816



2704771

# Complementary

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



7746588



1859190

# 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.



20355



7746588



22104

# Square

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



7746588



2249242



21619



6174834

# Rectangle

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



7746588



5326848



21619



18821



# Sweetspot

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



7746588



10059638



7740510



5061943



13421772



5066061



# Same Dimension

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



7746588



10039820



7758108



3880501



8003840



16401152



# Inverse Universe

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



1859190



816025



1847670



3488059



23162



47098



# Previews

## White Background



This preview shows how the Decimal color 7746588 looks on a white background.

## Color Contrast Check

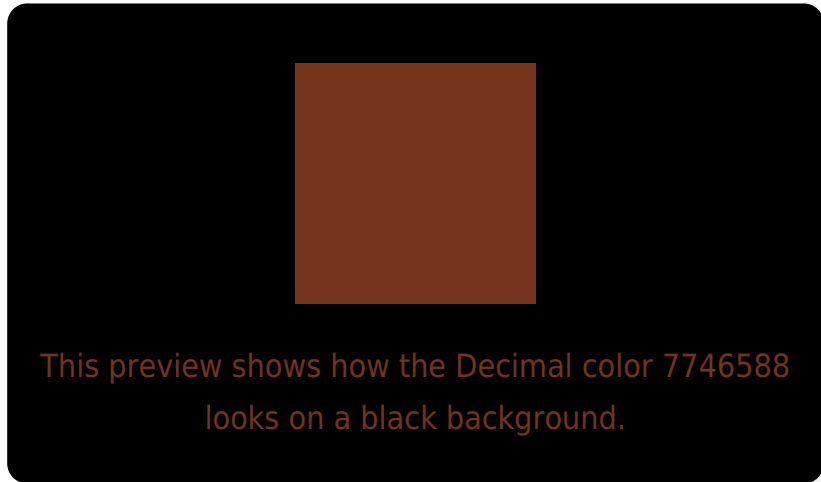
Large Text (above 18pt) WCAG AA ✓ Pass

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

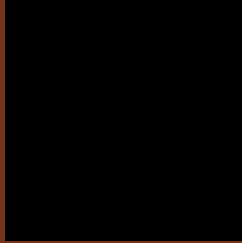
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7746588 Background



This preview shows how black text looks on a background with the Decimal color 7746588.



This preview shows how white text looks on a background with the Decimal color 7746588.

# 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**


7746588

**Protanopia**

5261346

**Deuteranopia**

5981463



**Tritanopia**  
7811380

# Trichromacy



**Original Color**  
7746588

**Protanomaly**  
6177056

**Deuteranomaly**  
6635289

**Tritanomaly**  
7811627

# Monochromacy



**Original Color**  
7746588

**Achromatopsia**  
4539717

**Achromatomaly**  
5717814

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7746588 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 #76341C looks like.

```
.text, #text, p{  
    color:#76341C  
}
```

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 #76341C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76341C
}
```

## Border

The CSS property to change the border of an element to Decimal 7746588 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
#76341C }
```

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

```
.border{ border-color:#76341C }
```

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

Here you see how a box with a 4 pixel #76341C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76341C; -webkit-box-shadow:4px 4px  
4px 4px #76341C; box-shadow:4px 4px 4px  
4px #76341C }
```

# Background

The CSS property to change the background color of an element to Decimal 7746588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76341C }
```

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

```
.background{ background-color:#76341C }
```

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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