

# Converting Colors

Decimal(7766596)

Have a look what the booklet for  
Decimal(7766596) contains.

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**Color**

**Decimal(7766596)**

# Conversions

## Conversions Part 1

Format	Color
Hex	768244
RGB	118, 130, 68
RGB Percent	46%, 51%, 27%
CMY	0.5373, 0.4902, 0.7333
CMYK	0.09, 0.00, 0.48, 0.49
HSL	72°, 31%, 39%
HSV	72°, 48%, 51%
XYZ	16.4972, 20.2342, 8.5049
YIQ	119.3440, 12.7500, -21.8260

# Conversions

## Conversions Part 2

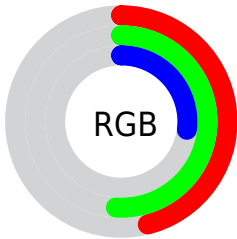
<b>Format</b>	<b>Color</b>
<b>RYB</b>	68, 130, 80
Decimal	7766596
CIELab	52.10, -14.63, 31.92
CIELCh	52, 35.115, 114.623
Yxy	20.2342, 0.3647, 0.4473
Android (android.graphics.Color)	4285956676 (0xFF768244)
YUV	119.3440, -25.3126, -1.1787
Hunter-Lab	44.9824, -13.2546, 20.2776

# Details

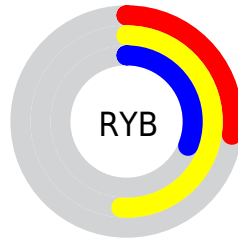
The Decimal color **7766596** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5260418**, and the grayscale version is **7895160**.

A 20% lighter version of the original color is **11253622**, and **4477205** is the 20% darker color. If you saturate the color by 10%, you get **7569975**, and if you desaturate by 10%, it is **7963217**.

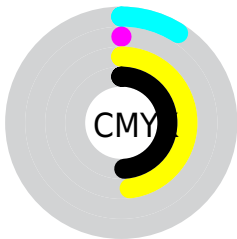
# Distribution



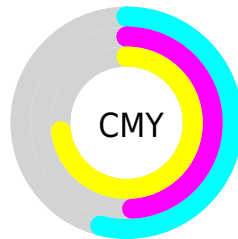
- Red (46%)
- Green (51%)
- Blue (27%)



- Red (27%)
- Yellow (51%)
- Blue (31%)



- Cyan (9%)
- Magenta (0%)
- Yellow (48%)
- Black (49%)



- Cyan (54%)
- Magenta (49%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7766596 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 7766596 by changing the saturation by 10% instead.



■ 7766596

■ 7766596

16777215

■ 6121772

■ 11253622

■ 4477205

■ 13095824

■ 2963968

■ 14938026

■ 1451008

■ 16777158

■ 3584

■ 16777186

■ 0

■ 7766596

■ 7766596

■ 7569975

■ 7963217

■ 7438890

■ 8094302

■ 7242269

■ 8290923

■ 7111184

■ 8422008

■ 6914563

■ 8618629

■ 6914560

■ 8749714

■ 8946335

■ 9077420

■ 9274041

# Harmonies

## Analogous

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



9730367



7766596



5408856

# Triad

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



7766596



34989



11691139

# Complementary

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



7766596



5260418

# 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.



10316703



7766596



4227512

# Square

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



7766596



35988



7829171



11888229

# Rectangle

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



7766596



3443563



7829171



11363981



# Sweetspot

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



7766596



10791057



8539972



5329990



13948116



5526612



# Same Dimension

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



7766596



9873480



5800516



4145209



6782976



0



# Inverse Universe

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



5260418



5982376



7226498



3881280



1638528



0



# Previews

## White Background



This preview shows how the Decimal color 7766596 looks on a white background.

## Color Contrast Check

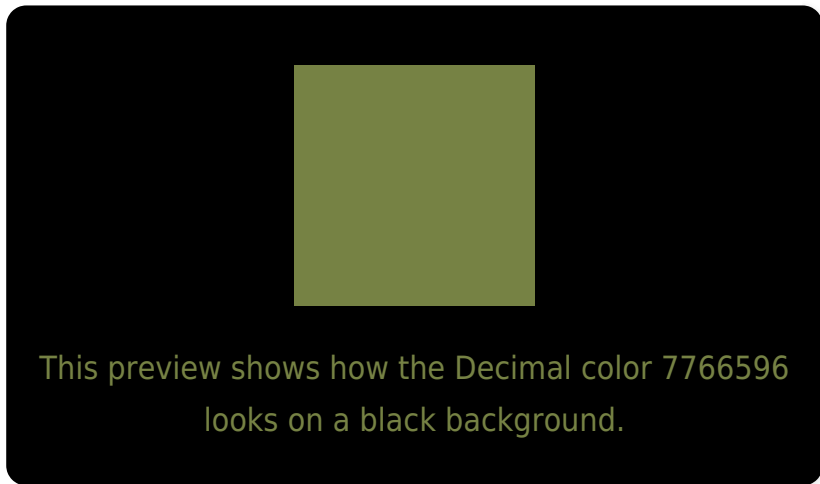
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

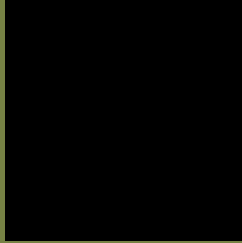
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 7766596 Background



This preview shows how black text looks on a background with the Decimal color 7766596.



This preview shows how white text looks on a background with the Decimal color 7766596.

# 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**


7766596

**Protanopia**

9010242

**Deuteranopia**

9926215



**Tritanopia**  
8289156

# Trichromacy



**Original Color**  
7766596

**Protanomaly**  
852003

**Deuteranomaly**  
9140806

**Tritanomaly**  
8093293

# Monochromacy



**Original Color**  
7766596

**Achromatopsia**  
7829367

**Achromatomaly**  
7830372

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7766596 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 #768244 looks like.

```
.text, #text, p{  
    color:#768244  
}
```

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 #768244 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #768244
}
```

## Border

The CSS property to change the border of an element to Decimal 7766596 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
#768244 }
```

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

```
.border{ border-color:#768244 }
```

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

Here you see how a box with a 4 pixel #768244 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #768244; -webkit-box-shadow:4px 4px  
4px 4px #768244; box-shadow:4px 4px 4px  
4px #768244 }
```

# Background

The CSS property to change the background color of an element to Decimal 7766596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#768244 }
```

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

```
.background{ background-color:#768244 }
```

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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