

# Converting Colors

Decimal(7776616)

Have a look what the booklet for  
Decimal(7776616) contains.

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# **Color**

**Decimal(7776616)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76A968
RGB	118, 169, 104
RGB Percent	46%, 66%, 41%
CMY	0.5373, 0.3373, 0.5922
CMYK	0.30, 0.00, 0.38, 0.34
HSL	107°, 27%, 54%
HSV	107°, 38%, 66%
XYZ	24.1579, 33.2270, 18.2369
YIQ	146.3410, -9.5310, -31.0270

# Conversions

## Conversions Part 2

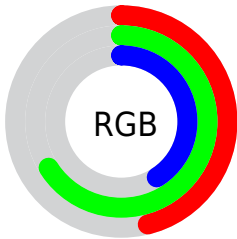
<b>Format</b>	<b>Color</b>
<b>RYB</b>	104, 169, 155
Decimal	7776616
CIELab	64.34, -29.59, 28.28
CIELCh	64, 40.931, 136.298
Yxy	33.2270, 0.3195, 0.4394
Android (android.graphics.Color)	4285966696 (0xFF76A968)
YUV	146.3410, -20.8741, -24.8551
Hunter-Lab	57.6428, -26.0664, 21.5920

# Details

The Decimal color **7776616** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **10184873**, and the grayscale version is **9671571**.

A 20% lighter version of the original color is **11329948**, and **4420920** is the 20% darker color. If you saturate the color by 10%, you get **6924631**, and if you desaturate by 10%, it is **8628601**.

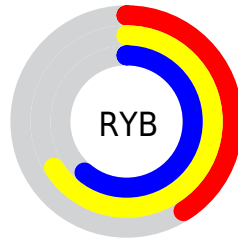
# Distribution



Red (46%)

Green (66%)

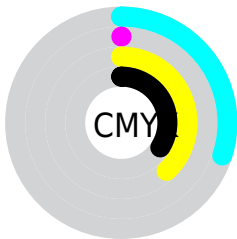
Blue (41%)



Red (41%)

Yellow (66%)

Blue (61%)

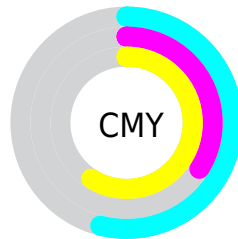


Cyan (30%)

Magenta (0%)

Yellow (38%)

Black (34%)



Cyan (54%)

Magenta (34%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7776616 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 7776616 by changing the saturation by 10% instead.



■ 7776616

■ 7776616

16777215

■ 6065743

■ 11329948

■ 4420920

■ 13172151

■ 2776097

■ 15007699

■ 1000457

■ 16777199

■ 11520

■ 6144

■ 0

■ 7776616

■ 7776616

■ 6924631

■ 8628601

■ 6007110

■ 9546122

■ 5155125

■ 10398107

■ 4303140

■ 11250092

■ 3451156

■ 12102076

■ 2533635

■ 13019597

■ 2402560

■ 13871582

■ 14723567

■ 15575551

# Harmonies

## Analogous

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



10461268



7776616



4370057

# Triad

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



7776616



3974626



14843785

# Complementary

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



7776616



10184873

# 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.



14188974



7776616



8755682

# Square

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



7776616



44240



12159951



14255977

# Rectangle

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



7776616



44963



12159951



14778006



# Sweetspot

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



7776616



13097921



11115368



6450782



15592941



7237230



# Same Dimension

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



7776616



9231222



6859130



5133388



2135040



267264



# Inverse Universe

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



10184873



13006555



11102359



5393492



7602324



1048596



# Previews

## White Background



This preview shows how the Decimal color 7776616 looks on a white background.

## Color Contrast Check

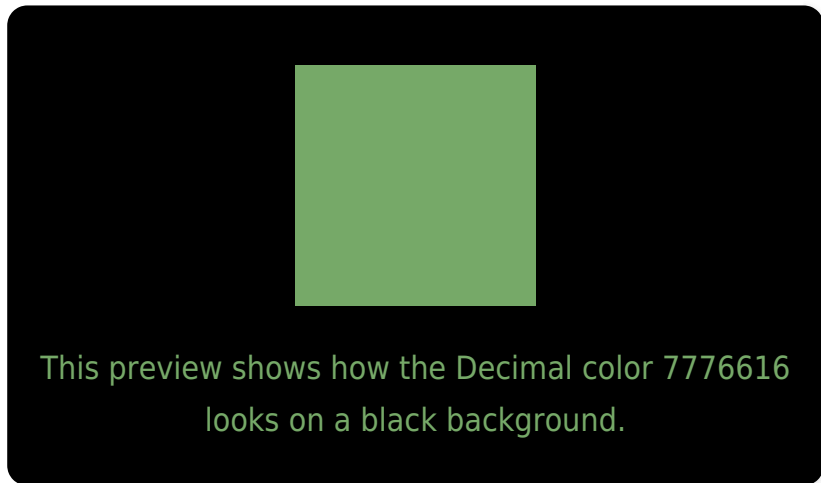
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# 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 ✓ Pass

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



## Decimal 7776616 Background



This preview shows how black text looks on a background with the Decimal color 7776616.



This preview shows how white text looks on a background with the Decimal color 7776616.

# 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**  
7776616

**Protanopia**  
11115363

**Deuteranopia**  
12162413



**Tritanopia**  
8561069

# Trichromacy



**Original Color**  
7776616

**Protanomaly**  
9871461

**Deuteranomaly**  
10591339

**Tritanomaly**  
8299668

# Monochromacy



**Original Color**  
7776616

**Achromatopsia**  
9605778

**Achromatomaly**  
8952451

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7776616 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 #76A968 looks like.

```
.text, #text, p{  
    color:#76A968  
}
```

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 #76A968 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76A968
}
```

## Border

The CSS property to change the border of an element to Decimal 7776616 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
#76A968 }
```

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

```
.border{ border-color:#76A968 }
```

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

Here you see how a box with a 4 pixel #76A968 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76A968; -webkit-box-shadow:4px 4px  
4px 4px #76A968; box-shadow:4px 4px 4px  
4px #76A968 }
```

# Background

The CSS property to change the background color of an element to Decimal 7776616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76A968 }
```

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

```
.background{ background-color:#76A968 }
```

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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