

# Converting Colors

Decimal(7775870)

Have a look what the booklet for  
Decimal(7775870) contains.

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# **Color**

**Decimal(7775870)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76A67E
RGB	118, 166, 126
RGB Percent	46%, 65%, 49%
CMY	0.5373, 0.3490, 0.5059
CMYK	0.29, 0.00, 0.24, 0.35
HSL	130°, 21%, 56%
HSV	130°, 29%, 65%
XYZ	24.8733, 32.6303, 24.7260
YIQ	147.0880, -15.7680, -22.6160

# Conversions

## Conversions Part 2

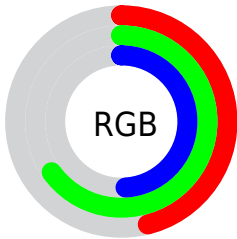
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">118, 159, 166</a>
Decimal	<a href="#">7775870</a>
CIELab	<a href="#">63.86, -24.41, 15.67</a>
CIELCh	<a href="#">64, 29.007, 147.298</a>
Yxy	<a href="#">32.6303, 0.3025, 0.3968</a>
Android (android.graphics.Color)	<a href="#">4285965950 (0xFF76A67E)</a>
YUV	<a href="#">147.0880, -10.3964, -25.5102</a>
Hunter-Lab	<a href="#">57.1230, -22.2401, 14.3221</a>

# Details

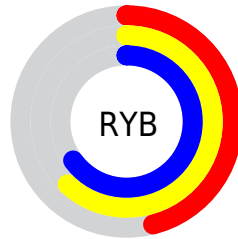
The Decimal color **7775870** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **10909342**, and the grayscale version is **9671571**.

A 20% lighter version of the original color is **11263411**, and **4485709** is the 20% darker color. If you saturate the color by 10%, you get **6661744**, and if you desaturate by 10%, it is **8889996**.

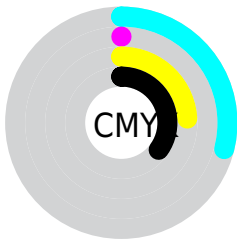
# Distribution



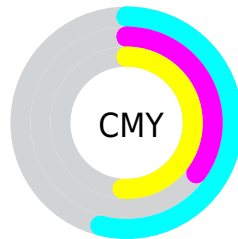
- Red (46%)
- Green (65%)
- Blue (49%)



- Red (46%)
- Yellow (62%)
- Blue (65%)



- Cyan (29%)
- Magenta (0%)
- Yellow (24%)
- Black (35%)



- Cyan (54%)
- Magenta (35%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7775870 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 7775870 by changing the saturation by 10% instead.



 7775870


 7775870

16777215

 6130533

 11263411

 4485709

 13105870

 2906422

 14942187

 1261856

 11018

 5632

 0

 7775870

 7775870

 6661744

 8889996

 5613154

 9938586

 4499028

 11052712

 3450439

 12101301

 2336313

 13215427

 1222187

 14329553

 173597

 15378143

 42524

 16492269

 16754427

# Harmonies

## Analogous

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



9740396



7775870



5810583

# Triad

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



7775870



7708366



13535620

# Complementary

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



7775870



10909342

# 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.



13338782



7775870



10196425

# Square

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



7775870



5350853



12160183



12816496

# Rectangle

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



7775870



4827561



12160183



13535373



# Sweetspot

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



7775870



12966344



10397302



6450788



15592941



7237230



# Same Dimension

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



7775870



9296282



7775894



5002317



37913



5123



# Inverse Universe

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



10909342



14257612



10909318



5524563



9699451



1310737



# Previews

## White Background



This preview shows how the Decimal color 7775870 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



This preview shows how the Decimal color 7775870 looks on a 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 7775870 Background



This preview shows how black text looks on a background with the Decimal color 7775870.



This preview shows how white text looks on a background with the Decimal color 7775870.

# 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**  
8364205

# Trichromacy



**Original Color**  
7775870

**Protanomaly**  
9674362

**Deuteranomaly**  
10263425

**Tritanomaly**  
8168092

# Monochromacy



**Original Color**  
7775870

**Achromatopsia**  
9671571

**Achromatomaly**  
8952459

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7775870 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 #76A67E looks like.

```
.text, #text, p{  
    color:#76A67E  
}
```

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 #76A67E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76A67E
}
```

## Border

The CSS property to change the border of an element to Decimal 7775870 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
#76A67E }
```

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

```
.border{ border-color:#76A67E }
```

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

Here you see how a box with a 4 pixel #76A67E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76A67E; -webkit-box-shadow:4px 4px  
4px 4px #76A67E; box-shadow:4px 4px 4px  
4px #76A67E }
```

# Background

The CSS property to change the background color of an element to Decimal 7775870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76A67E }
```

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

```
.background{ background-color:#76A67E }
```

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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