

# Converting Colors

Decimal(7769706)

Have a look what the booklet for  
Decimal(7769706) contains.

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# Color

**Decimal(7769706)**

# Conversions

## Conversions Part 1

Format	Color
Hex	768E6A
RGB	118, 142, 106
RGB Percent	46%, 56%, 42%
CMY	0.5373, 0.4431, 0.5843
CMYK	0.17, 0.00, 0.25, 0.44
HSL	100°, 15%, 49%
HSV	100°, 25%, 56%
XYZ	19.7457, 24.2382, 17.2734
YIQ	130.7200, -2.7480, -16.2840

# Conversions

## Conversions Part 2

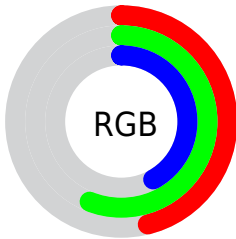
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 142, 130
Decimal	7769706
CIE <sub>Lab</sub>	56.33, -15.62, 16.43
CIE <sub>LCh</sub>	56, 22.669, 133.548
Yxy	24.2382, 0.3223, 0.3957
Android (android.graphics.Color)	4285959786 (0xFF768E6A)
YUV	130.7200, -12.1870, -11.1554
Hunter-Lab	49.2323, -14.5649, 13.6604

# Details

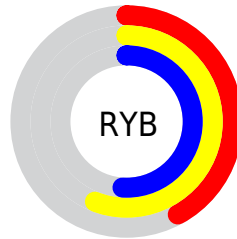
The Decimal color **7769706** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8546958**, and the grayscale version is **8618883**.

A 20% lighter version of the original color is **11256989**, and **4545594** is the 20% darker color. If you saturate the color by 10%, you get **7179868**, and if you desaturate by 10%, it is **8359544**.

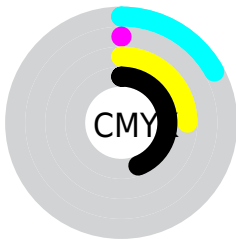
# Distribution



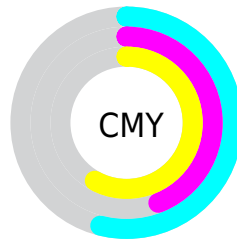
- Red (46%)
- Green (56%)
- Blue (42%)



- Red (42%)
- Yellow (56%)
- Blue (51%)



- Cyan (17%)
- Magenta (0%)
- Yellow (25%)
- Black (44%)



- Cyan (54%)
- Magenta (44%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7769706 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 7769706 by changing the saturation by 10% instead.





7769706



7769706

16777215



6124626



11256989



4545594



13033656



3032100



14875860



1584656



16777201



6656



0



7769706



7769706



7179868



8359544



6524494



9014918

■ 5934655

■ 9604757

■ 5279281

■ 10260131

■ 4689443

■ 10849969

■ 4034069

■ 11505343

■ 3444231

■ 12095181

■ 3116544

■ 12750556

■ 13340394

# Harmonies

## Analogous

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



9210209



7769706



6328699

# Triad

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



7769706



6261932



11499903

# Complementary

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



7769706



8546958

# 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.



10975891



7769706



8095405

# Square

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



7769706



5083298



9797540



11304045

# Rectangle

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



7769706



5477001



9797540



11434373



# Sweetspot

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



7769706



11450537



9339498



5659731



14408667



6052956



# Same Dimension

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



7769706



9681025



6983280



4409152



2983680



198656



# Inverse Universe

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



8546958



10846648



9333384



4538439



5898375



327688



# Previews

## White Background



This preview shows how the Decimal color 7769706 looks on a white background.

## Color Contrast Check

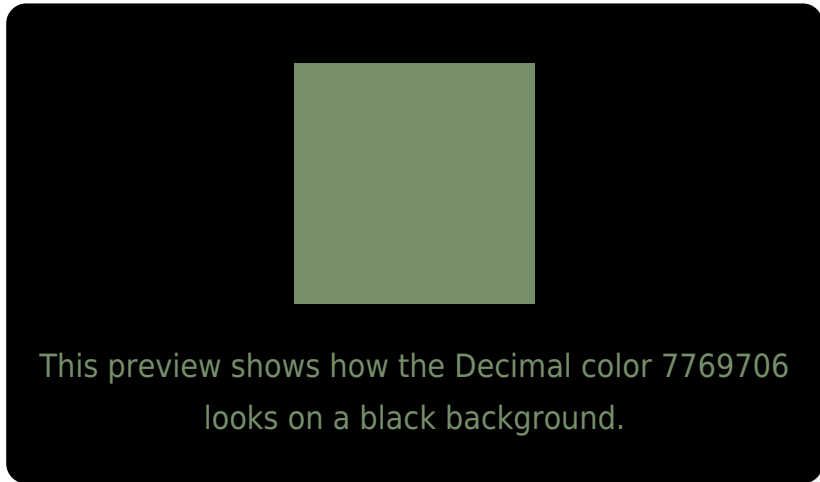
Large Text (above 18pt) WCAG AA ✓ Pass

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

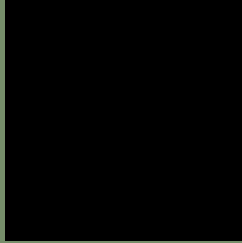
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 7769706 Background



This preview shows how black text looks on a background with the Decimal color 7769706.



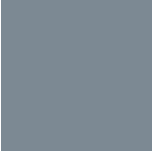
This preview shows how white text looks on a background with the Decimal color 7769706.

# 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**  
8161683

# Trichromacy



**Original Color**  
7769706

**Protanomaly**  
8882792

**Deuteranomaly**  
9406060

**Tritanomaly**  
8031108

# Monochromacy



**Original Color**  
7769706

**Achromatopsia**  
8618883

**Achromatomaly**  
8292218

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7769706 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 #768E6A looks like.

```
.text, #text, p{  
    color:#768E6A  
}
```

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 #768E6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #768E6A
}
```

## Border

The CSS property to change the border of an element to Decimal 7769706 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".

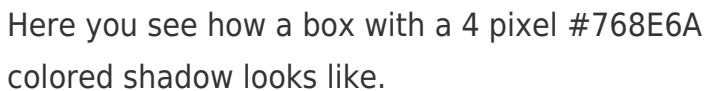
```
.border, #border, table{ border:4px solid
#768E6A }
```

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

```
.border{ border-color:#768E6A }
```

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

Here you see how a box with a 4 pixel #768E6A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #768E6A; -webkit-box-shadow:4px 4px  
4px 4px #768E6A; box-shadow:4px 4px 4px  
4px #768E6A }
```

# Background

The CSS property to change the background color of an element to Decimal 7769706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#768E6A }
```

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

```
.background{ background-color:#768E6A }
```

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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