

# Converting Colors

Decimal(6976878)

Have a look what the booklet for  
Decimal(6976878) contains.

<b>Decimal(6976878)</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(6976878)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A756E
RGB	106, 117, 110
RGB Percent	42%, 46%, 43%
CMY	0.5843, 0.5412, 0.5686
CMYK	0.09, 0.00, 0.06, 0.54
HSL	142°, 5%, 44%
HSV	142°, 9%, 46%
XYZ	15.1196, 16.9125, 17.2194
YIQ	112.9130, -4.3090, -4.5090

# Conversions

## Conversions Part 2

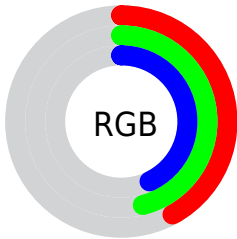
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 114, 117
Decimal	6976878
CIE <sub>Lab</sub>	48.15, -5.59, 2.45
CIE <sub>LCh</sub>	48, 6.102, 156.355
Yxy	16.9125, 0.3070, 0.3434
Android (android.graphics.Color)	4285166958 (0xFF6A756E)
YUV	112.9130, -1.4361, -6.0627
Hunter-Lab	41.1249, -6.3427, 3.9621

# Details

The Decimal color **6976878** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7694961**, and the grayscale version is **7434609**.

A 20% lighter version of the original color is **10332578**, and **3884351** is the 20% darker color. If you saturate the color by 10%, you get **6190439**, and if you desaturate by 10%, it is **7763317**.

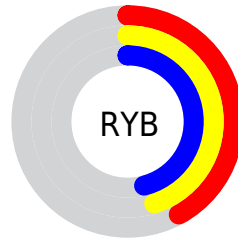
# Distribution



Red (42%)

Green (46%)

Blue (43%)



Red (42%)

Yellow (45%)

Blue (46%)

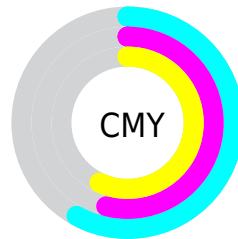


Cyan (9%)

Magenta (0%)

Yellow (6%)

Black (54%)



Cyan (58%)

Magenta (54%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6976878 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 6976878 by changing the saturation by 10% instead.





6976878



6976878

16777215



5397590



10332578



3884351



12108989



2436905



13951192



1120788



15793653



0



6976878



6976878



6190439



7763317



5469535



8484221



4683096



9270660

■ 3896656

■ 10057100

■ 3175753

■ 10843539

■ 2389313

■ 11564443

■ 1602874

■ 12350882

■ 816434

■ 13137322

■ 95531

■ 13858225

# Harmonies

## Analogous

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



7369834



6976878



6714739

# Triad

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



6976878



7238268



8220524

# Complementary

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



6976878



7694961

# 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.



8220529



6976878



7696763

# Square

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



6976878



6911100



8023927



8024425

# Rectangle

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



6976878



6714743



8023927



8286062



# Sweetspot

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



6976878



9738646



7435626



4803915



13421772



5066061



# Same Dimension

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



6976878



8952206



6976883



3488567



31277



64091



# Inverse Universe

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



7694961



10061971



7694956



3880249



7995470



16384159



# Previews

## White Background



This preview shows how the Decimal color 6976878 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 × Fail

# Black Background



This preview shows how the Decimal color 6976878 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

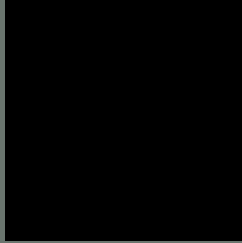
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

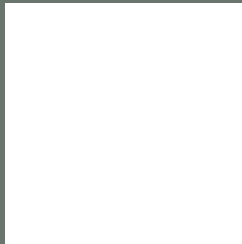
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6976878 Background



This preview shows how black text looks on a background with the Decimal color 6976878.



This preview shows how white text looks on a background with the Decimal color 6976878.

# 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



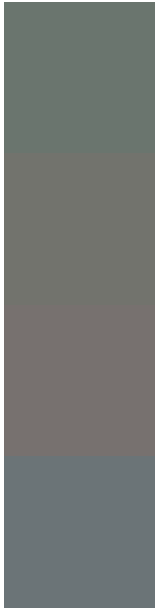
**Original Color**  
6976878

**Protanopia**  
7762540

**Deuteranopia**  
8285807



# Trichromacy



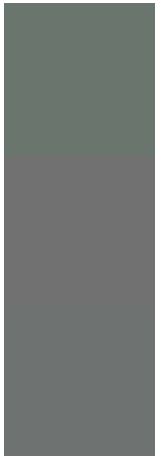
**Original Color**  
6976878

**Protanomaly**  
7500653

**Deuteranomaly**  
7827823

**Tritanomaly**  
7042167

# Monochromacy



**Original Color**  
6976878

**Achromatopsia**  
7434609

**Achromatomaly**  
7238256

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6976878 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 #6A756E looks like.

```
.text, #text, p{  
  color:#6A756E  
}
```

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 #6A756E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A756E
}
```

## Border

The CSS property to change the border of an element to Decimal 6976878 is called "border". The border property can be set on classes, ids or directly on the HTML element.

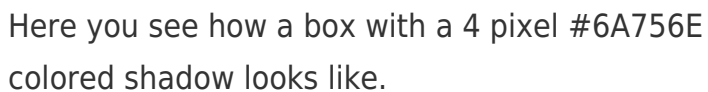
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A756E }
```

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

```
.border{ border-color:#6A756E }
```

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



Here you see how a box with a 4 pixel #6A756E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A756E; -webkit-box-shadow:4px 4px  
4px 4px #6A756E; box-shadow:4px 4px 4px  
4px #6A756E }
```

# Background

The CSS property to change the background color of an element to Decimal 6976878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A756E }
```

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

```
.background{ background-color:#6A756E }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor