

# Converting Colors

Decimal(6778480)

Have a look what the booklet for  
Decimal(6778480) contains.

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# Color

**Decimal(6778480)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	676E70
RGB	103, 110, 112
RGB Percent	40%, 43%, 44%
CMY	0.5961, 0.5686, 0.5608
CMYK	0.08, 0.02, 0.00, 0.56
HSL	193°, 4%, 42%
HSV	193°, 8%, 44%
XYZ	14.0941, 15.2053, 17.5213
YIQ	108.1350, -4.8140, -0.8620

# Conversions

## Conversions Part 2

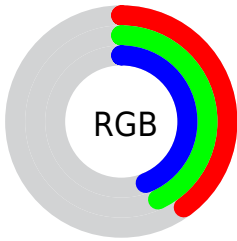
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	103, 107, 112
Decimal	6778480
CIE <sub>Lab</sub>	45.91, -2.22, -2.04
CIE <sub>LCh</sub>	46, 3.014, 222.488
Yxy	15.2053, 0.3010, 0.3248
Android (android.graphics.Color)	4284968560 (0xFF676E70)
YUV	108.1350, 1.9054, -4.5034
Hunter-Lab	38.9939, -3.7219, 0.6547

# Details

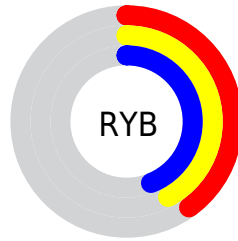
The Decimal color **6778480** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7367015**, and the grayscale version is **7105644**.

A 20% lighter version of the original color is **10134180**, and **3686208** is the 20% darker color. If you saturate the color by 10%, you get **6057072**, and if you desaturate by 10%, it is **7499888**.

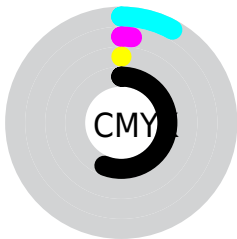
# Distribution



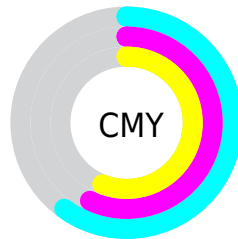
- Red (40%)
- Green (43%)
- Blue (44%)



- Red (40%)
- Yellow (42%)
- Blue (44%)



- Cyan (8%)
- Magenta (2%)
- Yellow (0%)
- Black (56%)



- Cyan (60%)
- Magenta (57%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6778480 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 6778480 by changing the saturation by 10% instead.



6778480

6778480

16777215

5199448

10134180

3686208

11910591

2304298

13687003

857110

15594999

0

6778480

6778480

6057072

7499888

5335408

8221552

4548464

9008496

■ 3826800

■ 9730160

■ 3105392

■ 10451568

■ 2383728

■ 11173232

■ 1662320

■ 11894640

■ 875120

■ 12681840

■ 153712

■ 13403248

# Harmonies

## Analogous

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



6778478



6778480



6909297

# Triad

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



6778480



7433070



7236968

# Complementary

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



6778480



7367015

# 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.



7367784



6778480



7498604

# Square

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



6778480



7302256



7498601



7040617

# Rectangle

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



6778480



6974834



7498601



7302504



# Sweetspot

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



6778480



9343377



6778985



4737610



13224393



4868682



# Same Dimension

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



6778480



8621713



6777456



3290936



23928



49399



# Inverse Universe

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



7366510



9536398



7368039



3682871



7864413



16187584



# Previews

## White Background



This preview shows how the Decimal color 6778480 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 6778480 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

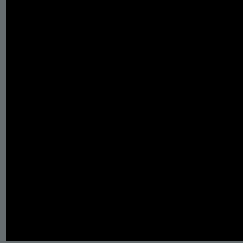
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

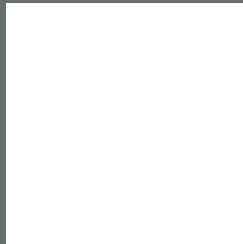
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6778480 Background



This preview shows how black text looks on a background with the Decimal color 6778480.



This preview shows how white text looks on a background with the Decimal color 6778480.

# 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



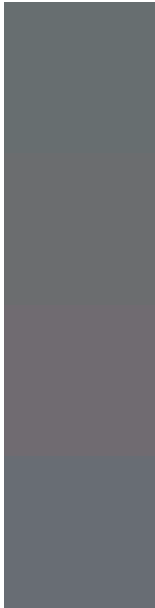
**Original Color**  
6778480

**Protanopia**  
7236719

**Deuteranopia**  
7694705



# Trichromacy



**Original Color**

6778480

**Protanomaly**

7040367

**Deuteranomaly**

7367537

**Tritanomaly**

6843764

# Monochromacy



**Original Color**

6778480

**Achromatopsia**

7105644

**Achromatomaly**

6974829

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6778480 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 #676E70 looks like.

```
.text, #text, p{  
    color:#676E70  
}
```

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 #676E70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #676E70
}
```

## Border

The CSS property to change the border of an element to Decimal 6778480 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
#676E70 }
```

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

```
.border{ border-color:#676E70 }
```

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

Here you see how a box with a 4 pixel #676E70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #676E70; -webkit-box-shadow:4px 4px  
4px 4px #676E70; box-shadow:4px 4px 4px  
4px #676E70 }
```

# Background

The CSS property to change the background color of an element to Decimal 6778480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#676E70 }
```

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

```
.background{ background-color:#676E70 }
```

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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