

# Converting Colors

Decimal(6777964)

Have a look what the booklet for  
Decimal(6777964) contains.

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# Color

**Decimal(6777964)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	676C6C
RGB	103, 108, 108
RGB Percent	40%, 42%, 42%
CMY	0.5961, 0.5765, 0.5765
CMYK	0.05, 0.00, 0.00, 0.58
HSL	180°, 2%, 41%
HSV	180°, 5%, 42%
XYZ	13.6629, 14.6914, 16.3030
YIQ	106.5050, -2.9800, -1.0600

# Conversions

## Conversions Part 2

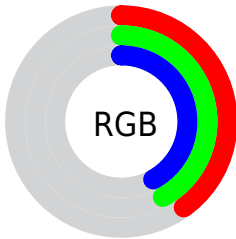
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	103, 106, 108
Decimal	6777964
CIE Lab	45.21, -1.91, -0.67
CIE LCh	45, 2.023, 199.338
Yxy	14.6914, 0.3059, 0.3290
Android (android.graphics.Color)	4284968044 (0xFF676C6C)
YUV	106.5050, 0.7370, -3.0739
Hunter-Lab	38.3294, -3.4484, 1.6122

# Details

The Decimal color **6777964** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7104359**, and the grayscale version is **7039851**.

A 20% lighter version of the original color is **10133407**, and **3685693** is the 20% darker color. If you saturate the color by 10%, you get **6057068**, and if you desaturate by 10%, it is **7498860**.

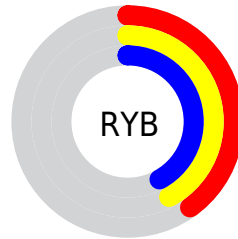
# Distribution



Red (40%)

Green (42%)

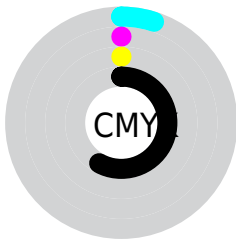
Blue (42%)



Red (40%)

Yellow (42%)

Blue (42%)

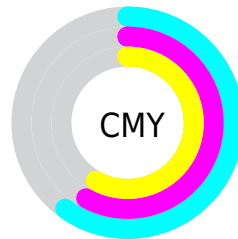


Cyan (5%)

Magenta (0%)

Yellow (0%)

Black (58%)



Cyan (60%)

Magenta (58%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6777964 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 6777964 by changing the saturation by 10% instead.



■ 6777964

■ 6777964

16777215

■ 5198932

■ 10133407

■ 3685693

■ 11909818

■ 2303783

■ 13686486

■ 856594

■ 15594226

■ 0

■ 6777964

■ 6777964

■ 6057068

■ 7498860

■ 5336172

■ 8219756

■ 4680812

■ 8875116

■ 3959916

■ 9596012

■ 3239020

■ 10316908

■ 2518124

■ 11037804

■ 1797228

■ 11758700

■ 1141868

■ 12414060

■ 420972

■ 13134956

# Harmonies

## Analogous

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



6843498



6777964



6777965

# Triad

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



6777964



7170669



7170920

# Complementary

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



6777964



7104359

# 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.



7236200



6777964



7236204

# Square

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



6777964



7039854



7301738



7039848

# Rectangle

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



6777964



6843246



7301738



7236200



# Sweetspot

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



6777964



9145484



6777959



4671303



13092807

# Same Dimension

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



6777964



8686732



6777452



3290678



30069



62965



# Inverse Universe

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



7104364



9208972



7105127



3551798



7667829



16056565



# Previews

## White Background



This preview shows how the Decimal color 6777964 looks on a white background.

## Color Contrast Check

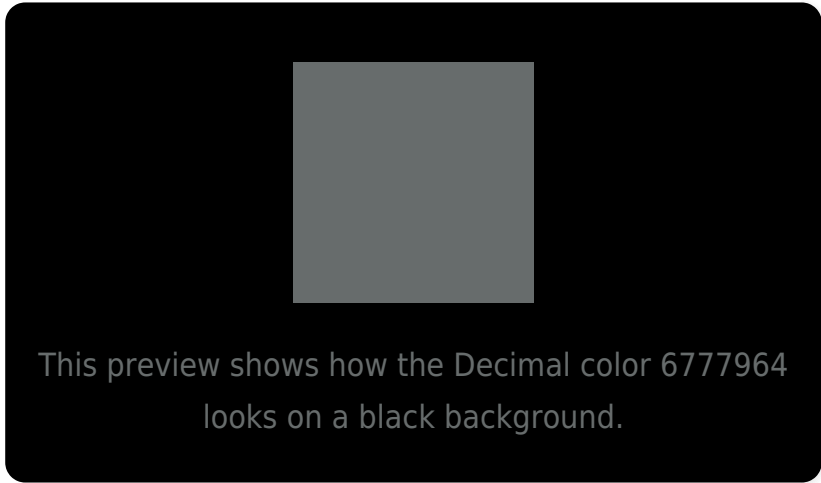
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

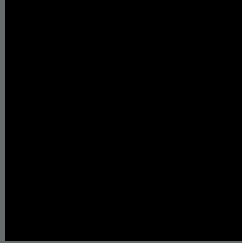
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

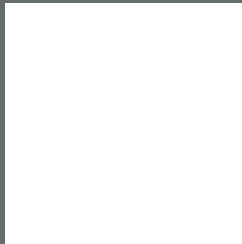
Any Text WCAG AAA × Fail

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

## Decimal 6777964 Background



This preview shows how black text looks on a background with the Decimal color 6777964.



This preview shows how white text looks on a background with the Decimal color 6777964.



# 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**  
6777964

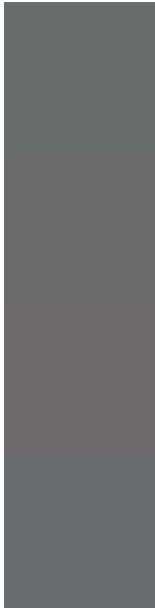
**Protanopia**  
7170667

**Deuteranopia**  
7628909



**Tritanopia**  
6843251

# Trichromacy



**Original Color**

6777964

**Protanomaly**

7039851

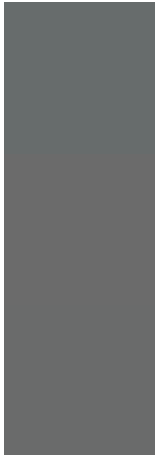
**Deuteranomaly**

7301485

**Tritanomaly**

6843248

# Monochromacy



**Original Color**

6777964

**Achromatopsia**

7039851

**Achromatomaly**

6974315

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6777964 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 #676C6C looks like.

```
.text, #text, p{  
    color:#676C6C  
}
```

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 #676C6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #676C6C
}
```

## Border

The CSS property to change the border of an element to Decimal 6777964 is called "border". The border property can be set on classes, ids or directly on the HTML element.

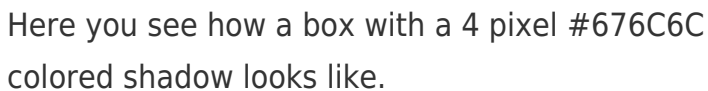
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#676C6C }
```

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

```
.border{ border-color:#676C6C }
```

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



Here you see how a box with a 4 pixel #676C6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #676C6C; -webkit-box-shadow:4px 4px  
4px 4px #676C6C; box-shadow:4px 4px 4px  
4px #676C6C }
```

# Background

The CSS property to change the background color of an element to Decimal 6777964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#676C6C }
```

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

```
.background{ background-color:#676C6C }
```

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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