

# Converting Colors

Hex(66776C)

Have a look what the booklet for  
Hex(66776C) contains.

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# Color

Hex(66776C)

# Conversions

## Conversions Part 1

Format	Color
Hex	66776C
RGB	102, 119, 108
RGB Percent	40%, 47%, 42%
CMY	0.6000, 0.5333, 0.5765
CMYK	0.14, 0.00, 0.09, 0.53
HSL	141°, 8%, 43%
HSV	141°, 14%, 47%
XYZ	14.7831, 17.1011, 16.7091
YIQ	112.6630, -6.6010, -7.0250

# Conversions

## Conversions Part 2

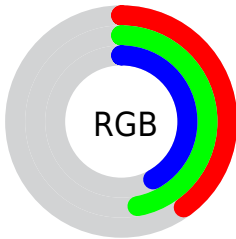
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 115, 119
Decimal	6715244
CIE <sub>Lab</sub>	48.39, -8.64, 3.94
CIE <sub>LCh</sub>	48, 9.493, 155.504
Yxy	17.1011, 0.3042, 0.3519
Android (android.graphics.Color)	4284905324 (0xFF66776C)
YUV	112.6630, -2.2989, -9.3515
Hunter-Lab	41.3535, -8.5584, 4.9911

# Details

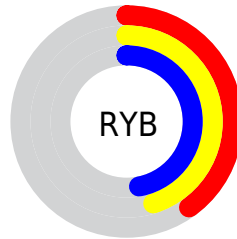
The Hex color **66776C** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **776671**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **99AB9F**, and **37473D** is the 20% darker color. If you saturate the color by 10%, you get **5A7764**, and if you desaturate by 10%, it is **727774**.

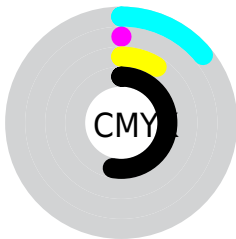
# Distribution



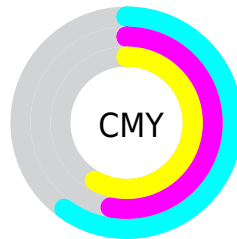
- Red (40%)
- Green (47%)
- Blue (42%)



- Red (40%)
- Yellow (45%)
- Blue (47%)



- Cyan (14%)
- Magenta (0%)
- Yellow (9%)
- Black (53%)



- Cyan (60%)
- Magenta (53%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 66776C 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 Hex color 66776C by changing the saturation by 10% instead.



■ 66776C

■ 66776C

FFFFFF

■ 4E5E54

■ 99AB9F

■ 37473D

■ B4C7BA

■ 213027

■ CFE3D6

■ 0C1B12

■ ECFFF2

■ 000000

■ 66776C

■ 66776C

■ 5A7764

■ 727774

■ 4E775D

■ 7E777B

■ 427755

■ 8A7783

■ 36774D

■ 96778B

■ 2B7745

■ A27793

■ 1F773E

■ AD779A

■ 137736

■ B977A2

■ 07772E

■ C577AA

■ 00772A

■ D177B1

# Harmonies

## Analogous

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



6F7566



66776C



607874

# Triad

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



66776C



6C7383



846E6A

# Complementary

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



66776C



776671

# 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.



846D72



66776C



767080

# Square

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



66776C



637681



7F6E7A



7F7065

# Rectangle

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



66776C



5E7779



7F6E7A



846E6C



# Sweetspot

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



66776C



959C98



717766



4B4F4C



CFCFCF



4F4F4F



# Same Dimension

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



66776C



819C8A



667774



353B37



007A2B



00FA58



# Inverse Universe

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



776671



9C8192



776669



3B3539



7A004F



FA00A2



# Previews

## White Background



This preview shows how the Hex color 66776C looks on a white background.

## Color Contrast Check

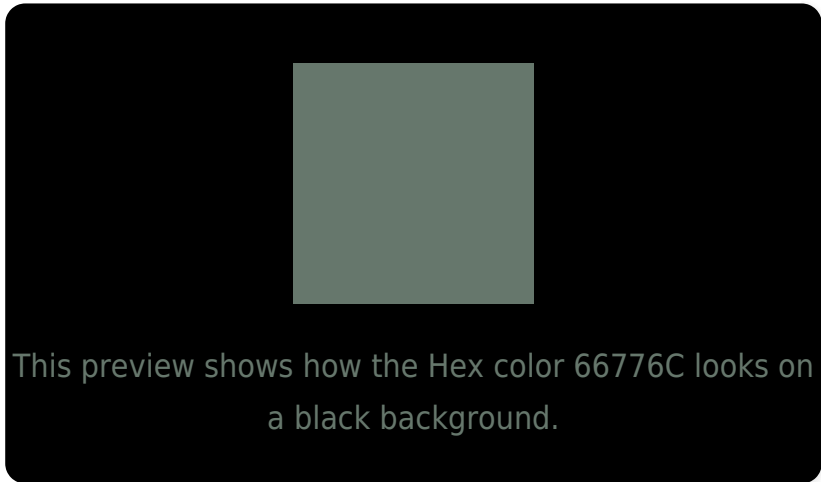
Large Text (above 18pt) WCAG AA ✓ Pass

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

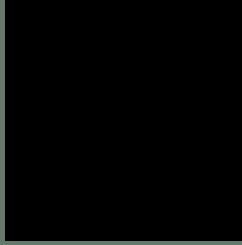
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

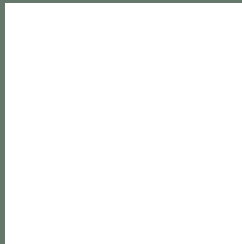
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 66776C Background



This preview shows how black text looks on a background with the Hex color 66776C.

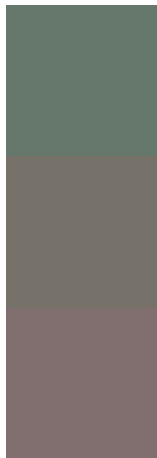


This preview shows how white text looks on a background with the Hex color 66776C.

# 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**  
66776C

**Protanopia**  
777269

**Deuteranopia**  
806F6E



**Tritanopia**  
69747E

# Trichromacy



**Original Color**  
66776C

**Protanomaly**  
71746A

**Deuteranomaly**  
77726D

**Tritanomaly**  
687577

# Monochromacy



**Original Color**  
66776C

**Achromatopsia**  
717171

**Achromatomaly**  
6D736F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 66776C 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 #66776C looks like.

```
.text, #text, p{  
    color:#66776C  
}
```

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 #66776C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66776C
}
```

## Border

The CSS property to change the border of an element to Hex 66776C is called "border". The border property can be set on classes, ids or directly on the HTML element.

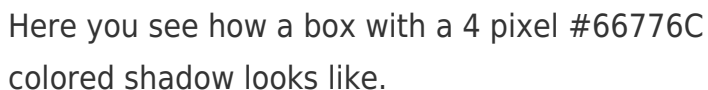
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#66776C }
```

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

```
.border{ border-color:#66776C }
```

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



Here you see how a box with a 4 pixel #66776C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66776C; -webkit-box-shadow:4px 4px  
4px 4px #66776C; box-shadow:4px 4px 4px  
4px #66776C }
```

# Background

The CSS property to change the background color of an element to Hex 66776C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66776C }
```

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

```
.background{ background-color:#66776C }
```

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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