

# Converting Colors

Hex(77776A)

Have a look what the booklet for  
Hex(77776A) contains.

<b>Hex(77776A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(77776A)

# Conversions

## Conversions Part 1

Format	Color
Hex	77776A
RGB	119, 119, 106
RGB Percent	47%, 47%, 42%
CMY	0.5333, 0.5333, 0.5843
CMYK	0.00, 0.00, 0.11, 0.53
HSL	60°, 6%, 44%
HSV	60°, 11%, 47%
XYZ	16.8061, 18.1562, 16.2544
YIQ	117.5180, 4.1730, -4.0430

# Conversions

## Conversions Part 2

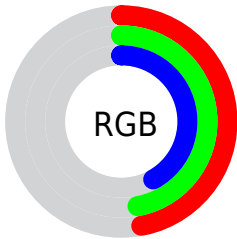
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 119, 106
Decimal	7829354
CIE Lab	49.69, -2.49, 7.15
CIE LCh	50, 7.574, 109.172
Yxy	18.1562, 0.3281, 0.3545
Android (android.graphics.Color)	4286019434 (0xFF77776A)
YUV	117.5180, -5.6784, 1.2997
Hunter-Lab	42.6101, -4.1644, 7.2098

# Details

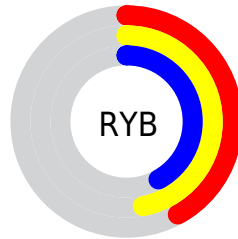
The Hex color **77776A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6A6A77**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **ABAB9D**, and **47473B** is the 20% darker color. If you saturate the color by 10%, you get **77775E**, and if you desaturate by 10%, it is **777776**.

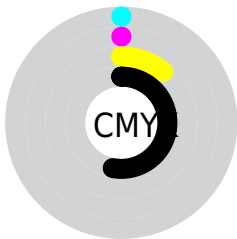
# Distribution



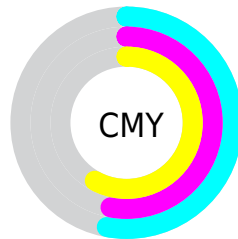
- Red (47%)
- Green (47%)
- Blue (42%)



- Red (42%)
- Yellow (47%)
- Blue (42%)



- Cyan (0%)
- Magenta (0%)
- Yellow (11%)
- Black (53%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 77776A 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 77776A by changing the saturation by 10% instead.





77776A



77776A

FFFFFF



5E5E52



ABAB9D



47473B



C7C6B8



303025



E3E2D4



1B1C10



FFFFF0



000000



77776A



77776A



77775E



777776



777752



777782



777746



77778E

■ 77773A

■ 77779A

■ 77772F

■ 7777A5

■ 777723

■ 7777B1

■ 777717

■ 7777BD

■ 77770B

■ 7777C9

■ 777700

■ 7777D5

# Harmonies

## Analogous

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



7E756A



77776A



70796E

# Triad

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



77776A



677980



827279

# Complementary

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



77776A



6A6A77

# 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.



7C737F



77776A



6D7783

# Square

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



77776A



667A7A



757582



847272

# Rectangle

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



77776A



6B7A71



757582



80727B



# Sweetspot

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



77776A



9C9C97



776A6A



4F4F4C



CFCFCF



4F4F4F



# Same Dimension

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



77776A



9C9C87



70776A



3B3B35



7A7A00



FAFA00



# Inverse Universe

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



6A6A77



87879C



706A77



35353B



00007A

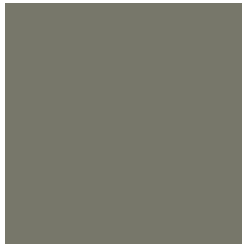


0000FA



# Previews

## White Background



This preview shows how the Hex color 77776A looks on a white background.

## Color Contrast Check

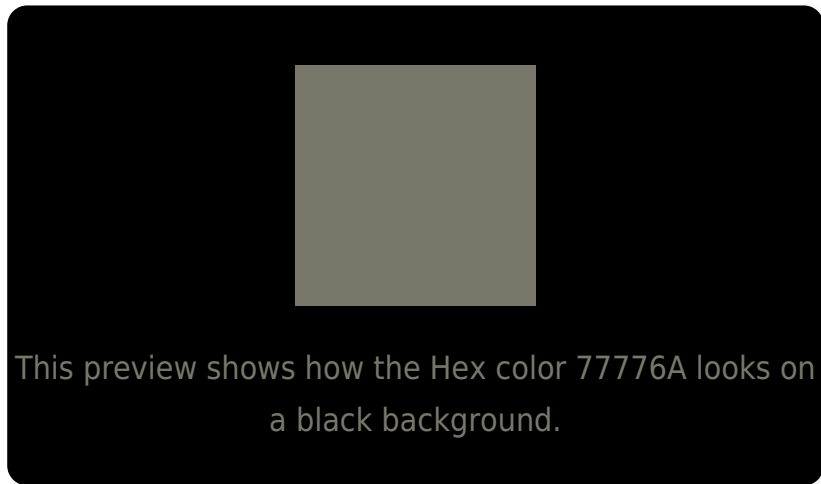
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

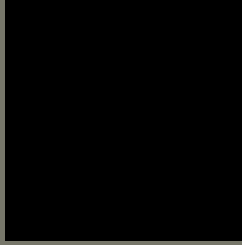
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

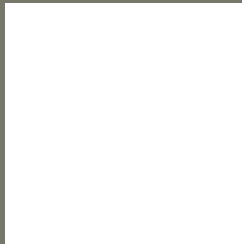
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 77776A Background



This preview shows how black text looks on a background with the Hex color 77776A.



This preview shows how white text looks on a background with the Hex color 77776A.

# 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**  
77776A

**Protanopia**  
7B7669

**Deuteranopia**  
86726B



**Tritanopia**  
7A747D

# Trichromacy



**Original Color**

77776A

**Protanomaly**

7A7669

**Deuteranomaly**

81746B

**Tritanomaly**

797576

# Monochromacy



**Original Color**

77776A

**Achromatopsia**

767676

**Achromatomaly**

767672

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 77776A 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 #77776A looks like.

```
.text, #text, p{  
    color:#77776A  
}
```

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 #77776A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77776A
}
```

## Border

The CSS property to change the border of an element to Hex 77776A 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
#77776A }
```

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

```
.border{ border-color:#77776A }
```

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

Here you see how a box with a 4 pixel #77776A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77776A; -webkit-box-shadow:4px 4px  
4px 4px #77776A; box-shadow:4px 4px 4px  
4px #77776A }
```

# Background

The CSS property to change the background color of an element to Hex 77776A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77776A }
```

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

```
.background{ background-color:#77776A }
```

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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