

# Converting Colors

Hex(72776C)

Have a look what the booklet for  
Hex(72776C) contains.

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# Color

Hex(72776C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	72776C
RGB	114, 119, 108
RGB Percent	45%, 47%, 42%
CMY	0.5529, 0.5333, 0.5765
CMYK	0.04, 0.00, 0.09, 0.53
HSL	87°, 5%, 45%
HSV	87°, 9%, 47%
XYZ	16.2430, 17.8538, 16.7774
YIQ	116.2510, 0.5510, -4.4810

# Conversions

## Conversions Part 2

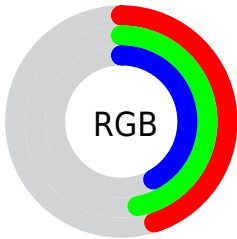
Format	Color
<b>R<sub>YB</sub></b>	108, 119, 113
Decimal	7501676
CIE Lab	49.32, -4.08, 5.40
CIE LCh	49, 6.762, 127.071
Yxy	17.8538, 0.3193, 0.3509
Android (android.graphics.Color)	4285691756 (0xFF72776C)
YUV	116.2510, -4.0677, -1.9741
Hunter-Lab	42.2537, -5.3257, 6.0358

# Details

The Hex color **72776C** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **716C77**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **A6AB9F**, and **42473D** is the 20% darker color. If you saturate the color by 10%, you get **6D7760**, and if you desaturate by 10%, it is **777778**.

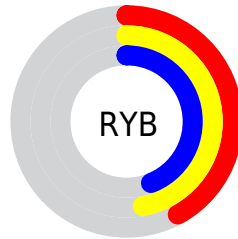
# Distribution



Red (45%)

Green (47%)

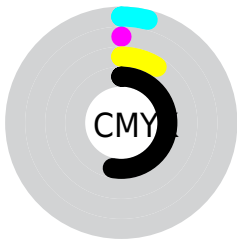
Blue (42%)



Red (42%)

Yellow (47%)

Blue (44%)

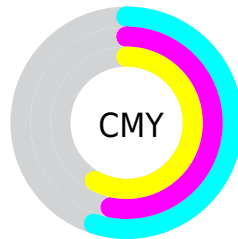


Cyan (4%)

Magenta (0%)

Yellow (9%)

Black (53%)



Cyan (55%)

Magenta (53%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 72776C 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 72776C by changing the saturation by 10% instead.





72776C



72776C

FFFFFF



595E54



A6AB9F



42473D



C1C6BA



2C3027



DDE2D6



181B12



F9FFF2



000000



72776C



72776C



6D7760



777778



677754



7D7784



627748



827790

■ 5C773C

■ 88779C

■ 577731

■ 8D77A7

■ 527725

■ 9277B3

■ 4C7719

■ 9877BF

■ 47770D

■ 9D77CB

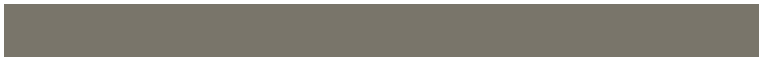
■ 417701

■ A377D7

# Harmonies

## Analogous

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



79756A



72776C



6C7871

# Triad

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



72776C



6B7780



817174

# Complementary

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



72776C



716C77

# 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.



7E727A



72776C



717580

# Square

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



72776C



67787C



78737E



81726F

# Rectangle

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



72776C



697974



78737E



817176



# Sweetspot

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



72776C



999C97



77716C



4E4F4C



CFCFCF



4F4F4F



# Same Dimension

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



72776C



949C8A



6D776C



383B35



437A00



88FA00



# Inverse Universe

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



716C77



928A9C



766C77



37353B



38007A

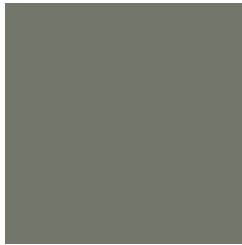


7200FA



# Previews

## White Background



This preview shows how the Hex color 72776C looks on a white background.

## Color Contrast Check

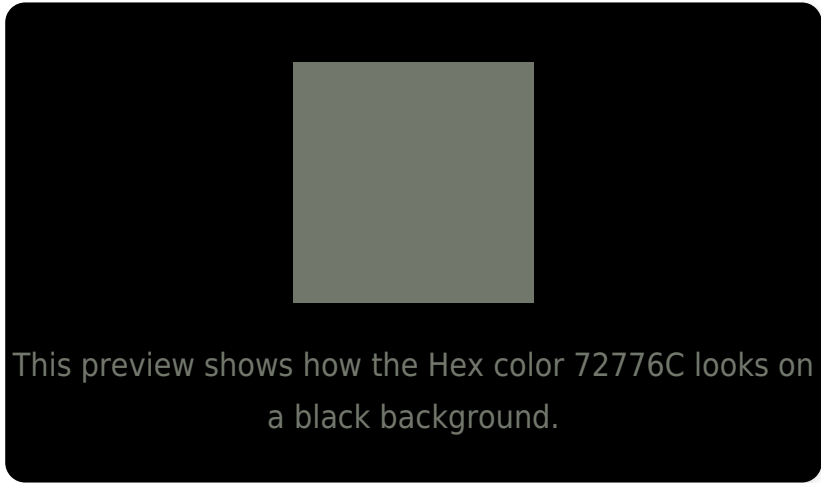
Large Text (above 18pt) WCAG AA ✓ Pass

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

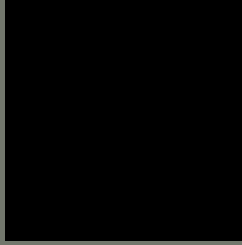
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

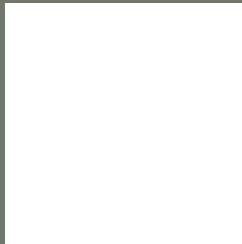
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 72776C Background



This preview shows how black text looks on a background with the Hex color 72776C.

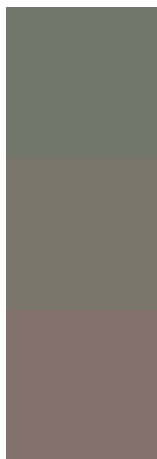


This preview shows how white text looks on a background with the Hex color 72776C.

# 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**  
72776C

**Protanopia**  
7A756B

**Deuteranopia**  
83716D



**Tritanopia**  
75747E

# Trichromacy



**Original Color**  
72776C

**Protanomaly**  
77766B

**Deuteranomaly**  
7D736D

**Tritanomaly**  
747577

# Monochromacy



**Original Color**  
72776C

**Achromatopsia**  
747474

**Achromatomaly**  
737571

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 72776C 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 #72776C looks like.

```
.text, #text, p{  
    color:#72776C  
}
```

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 #72776C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72776C
}
```

## Border

The CSS property to change the border of an element to Hex 72776C is called "border". The border property can be set on classes, ids or directly on the HTML element.

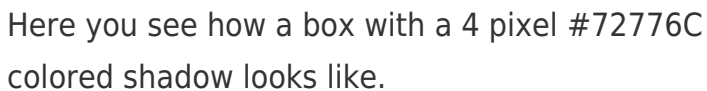
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#72776C }
```

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

```
.border{ border-color:#72776C }
```

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



Here you see how a box with a 4 pixel `#72776C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72776C; -webkit-box-shadow:4px 4px  
4px 4px #72776C; box-shadow:4px 4px 4px  
4px #72776C }
```

# Background

The CSS property to change the background color of an element to Hex 72776C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72776C }
```

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

```
.background{ background-color:#72776C }
```

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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