

Converting Colors

Hex(70756F)

Have a look what the booklet for
Hex(70756F) contains.

Hex(70756F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(70756F)

Conversions

Conversions Part 1

Format	Color
Hex	70756F
RGB	112, 117, 111
RGB Percent	44%, 46%, 44%
CMY	0.5608, 0.5412, 0.5647
CMYK	0.04, 0.00, 0.05, 0.54
HSL	110°, 3%, 45%
HSV	110°, 5%, 46%
XYZ	15.9126, 17.3150, 17.5424
YIQ	114.8210, -1.0540, -2.9260

Conversions

Conversions Part 2

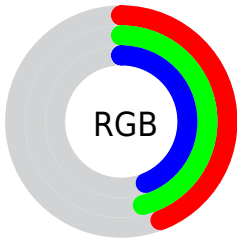
Format	Color
R_{YB}	111, 117, 116
Decimal	7370095
CIE _{Lab}	48.65, -3.11, 2.65
CIE _{LCh}	49, 4.083, 139.609
Yxy	17.3150, 0.3134, 0.3410
Android (android.graphics.Color)	4285560175 (0xFF70756F)
YUV	114.8210, -1.8838, -2.4740
Hunter-Lab	41.6113, -4.5595, 4.1326

Details

The Hex color **70756F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **746F75**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **A4A9A3**, and **40453F** is the 20% darker color. If you saturate the color by 10%, you get **667563**, and if you desaturate by 10%, it is **7A757B**.

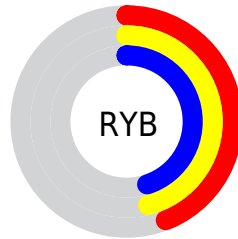
Distribution



Red (44%)

Green (46%)

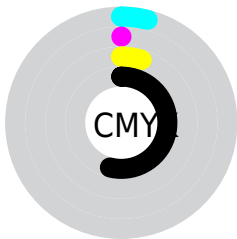
Blue (44%)



Red (44%)

Yellow (46%)

Blue (45%)

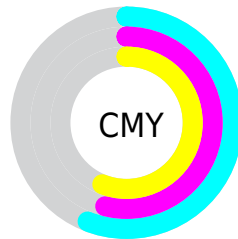


Cyan (4%)

Magenta (0%)

Yellow (5%)

Black (54%)



Cyan (56%)

Magenta (54%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70756F 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 70756F by changing the saturation by 10% instead.

■ 70756F

■ 70756F

FFFFFF

■ 585C57

■ A4A9A3

■ 40453F

■ BFC4BE

■ 2A2F2A

■ DBE0D9

■ 161A15

■ F7FDF6

■ 000000

■ 70756F

■ 70756F

■ 667563

■ 7A757B

■ 5C7558

■ 847586

■ 53754C

■ 8D7592

■ 497540

■ 97759E

■ 3F7535

■ A175AA

■ 357529

■ AB75B5

■ 2C751D

■ B475C1

■ 227511

■ BE75CD

■ 187506

■ C875D8

Harmonies

Analogous

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



74746D



70756F



6D7672

Triad

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



70756F



6F747A



7B7171

Complementary

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



70756F



746F75

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.



7A7175



70756F



73737A

Square

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



70756F



6C7579



777278



7A726E

Rectangle

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



70756F



6C7675



777278



7B7173

Sweetspot

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



70756F



969996



75746F



4B4D4B



CCCCCC



4D4D4D

Same Dimension

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



70756F



919990



6F7571



373B37



147A00



2AFA00

Inverse Universe

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



746F75



979099



756F73



3A373B



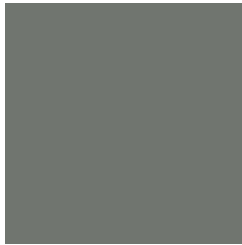
66007A



D000FA

Previews

White Background



This preview shows how the Hex color 70756F looks on a white background.

Color Contrast Check

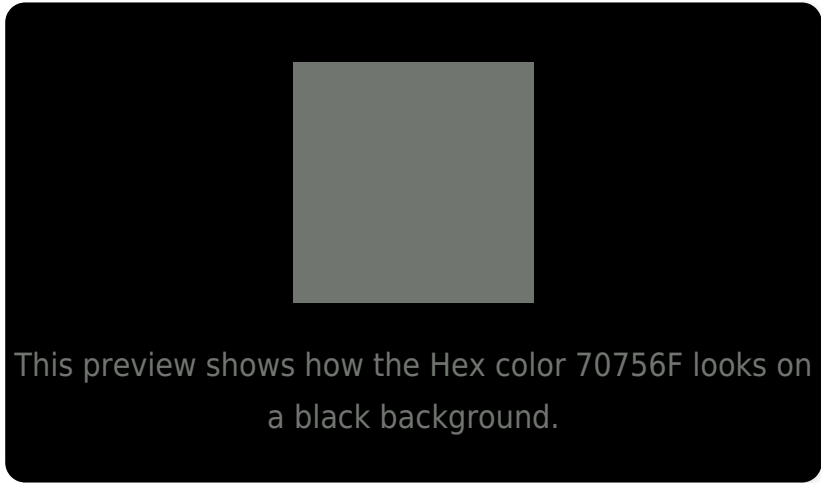
Large Text (above 18pt) WCAG AA ✓ Pass

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

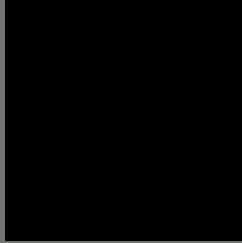
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

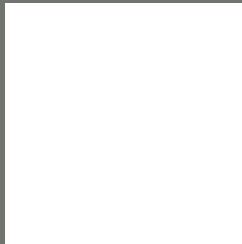
Any Text WCAG AAA × Fail

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

Hex 70756F Background



This preview shows how black text looks on a background with the Hex color 70756F.

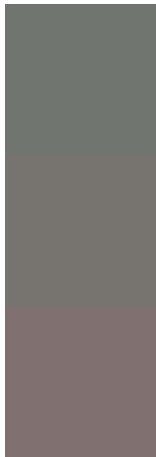


This preview shows how white text looks on a background with the Hex color 70756F.

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

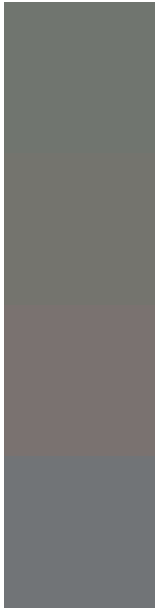


Original Color
70756F

Protanopia
77736E

Deuteranopia
807070

Trichromacy



Original Color
70756F

Protanomaly
74746E

Deuteranomaly
7A7270

Tritanomaly
717477

Monochromacy



Original Color
70756F

Achromatopsia
737373

Achromatomaly
727472

CSS Examples

Text

The CSS property to change the color of the text to Hex 70756F 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 #70756F looks like.

```
.text, #text, p{  
    color:#70756F  
}
```

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 #70756F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70756F
}
```

Border

The CSS property to change the border of an element to Hex 70756F 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
#70756F }
```

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

```
.border{ border-color:#70756F }
```

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

Here you see how a box with a 4 pixel #70756F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70756F; -webkit-box-shadow:4px 4px  
4px 4px #70756F; box-shadow:4px 4px 4px  
4px #70756F }
```

Background

The CSS property to change the background color of an element to Hex 70756F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70756F }
```

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

```
.background{ background-color:#70756F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor