

Converting Colors

Hex(76676F)

Have a look what the booklet for
Hex(76676F) contains.

Hex(76676F)	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(76676F)

Conversions

Conversions Part 1

Format	Color
Hex	76676F
RGB	118, 103, 111
RGB Percent	46%, 40%, 44%
CMY	0.5373, 0.5961, 0.5647
CMYK	0.00, 0.13, 0.06, 0.54
HSL	328°, 7%, 43%
HSV	328°, 13%, 46%
XYZ	15.1907, 14.6997, 17.0756
YIQ	108.3970, 6.3720, 5.6680

Conversions

Conversions Part 2

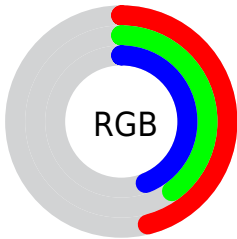
Format	Color
R_{YB}	118, 103, 111
Decimal	7759727
CIE Lab	45.22, 7.46, -2.30
CIE LCh	45, 7.809, 342.856
Yxy	14.6997, 0.3234, 0.3130
Android (android.graphics.Color)	4285949807 (0xFF76676F)
YUV	108.3970, 1.2833, 8.4218
Hunter-Lab	38.3402, 3.6277, 0.4321

Details

The Hex color **76676F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **67766E**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **AA9AA3**, and **46383F** is the 20% darker color. If you saturate the color by 10%, you get **765B69**, and if you desaturate by 10%, it is **767375**.

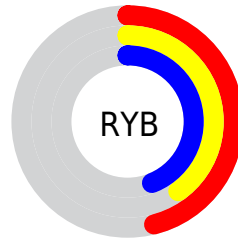
Distribution



Red (46%)

Green (40%)

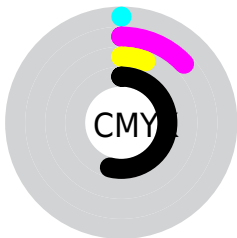
Blue (44%)



Red (46%)

Yellow (40%)

Blue (44%)

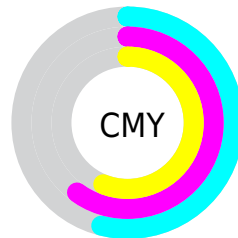


Cyan (0%)

Magenta (13%)

Yellow (6%)

Black (54%)



Cyan (54%)

Magenta (60%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76676F 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 76676F by changing the saturation by 10% instead.

■ 76676F

■ 76676F

FFFFFF

■ 5D4F57

■ AA9AA3

■ 46383F

■ C5B5BE

■ 2F232A

■ E2D0D9

■ 1B0D15

■ FEEDF6

■ 000000

■ 76676F

■ 76676F

■ 765B69

■ 767375

■ 764F64

■ 767F7A

■ 76445E

■ 768A80

763859

769685

762C53

76A28B

76204E

76AE90

761448

76BA96

760943

76C59B

76003F

76D1A1

Harmonies

Analogous

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



706875



76676F



796768

Triad

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



76676F



6D6B5E



5B6E74

Complementary

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



76676F



67766E

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.



5B6F6E



76676F



666D61

Square

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



76676F



74695F



5F6F67



606D77

Rectangle

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



76676F



796764



5F6F67



5B6F72

Sweetspot

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



76676F



999396



6E6776



4D494B



CCCCCC



4D4D4D

Same Dimension

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



76676F



99828E



766767



3B3538



7A0041



FA0085

Inverse Universe

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



76676F



99828E



677676



3B3538



7A0041



FA0085

Previews

White Background



This preview shows how the Hex color 76676F looks on a white background.

Color Contrast Check

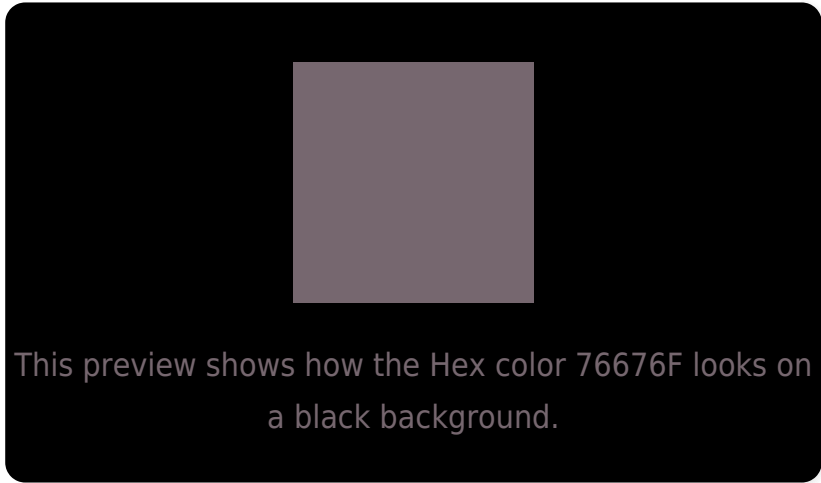
Large Text (above 18pt) WCAG AA ✓ Pass

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

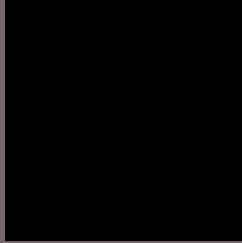
Any Text WCAG AA × Fail

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 76676F Background



This preview shows how black text looks on a background with the Hex color 76676F.



This preview shows how white text looks on a background with the Hex color 76676F.

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


76676F

Protanopia

6B6A71

Deuteranopia

74686F



Tritanopia
76676F

Trichromacy



Original Color

76676F

Protanomaly

6F6970

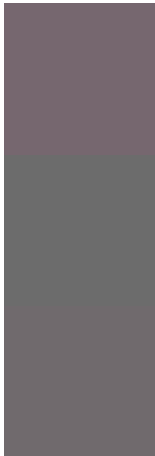
Deuteranomaly

75686F

Tritanomaly

76676F

Monochromacy



Original Color

76676F

Achromatopsia

6C6C6C

Achromatomaly

706A6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 76676F 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 #76676F looks like.

```
.text, #text, p{  
    color:#76676F  
}
```

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 #76676F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76676F
}
```

Border

The CSS property to change the border of an element to Hex 76676F 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
#76676F }
```

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

```
.border{ border-color:#76676F }
```

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

Here you see how a box with a 4 pixel #76676F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76676F; -webkit-box-shadow:4px 4px  
4px 4px #76676F; box-shadow:4px 4px 4px  
4px #76676F }
```

Background

The CSS property to change the background color of an element to Hex 76676F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76676F }
```

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

```
.background{ background-color:#76676F }
```

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