

# Converting Colors

Hex(79676F)

Have a look what the booklet for  
Hex(79676F) contains.

<b>Hex(79676F)</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(79676F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	79676F
RGB	121, 103, 111
RGB Percent	47%, 40%, 44%
CMY	0.5255, 0.5961, 0.5647
CMYK	0.00, 0.15, 0.08, 0.53
HSL	333°, 8%, 44%
HSV	333°, 15%, 47%
XYZ	15.6046, 14.9131, 17.0950
YIQ	109.2940, 8.1600, 6.3040

# Conversions

## Conversions Part 2

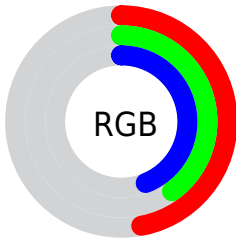
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	121, 103, 111
Decimal	7956335
CIE Lab	45.51, 8.63, -1.83
CIE LCh	46, 8.826, 348.005
Yxy	14.9131, 0.3277, 0.3132
Android (android.graphics.Color)	4286146415 (0xFF79676F)
YUV	109.2940, 0.8411, 10.2662
Hunter-Lab	38.6175, 4.5479, 0.7861

# Details

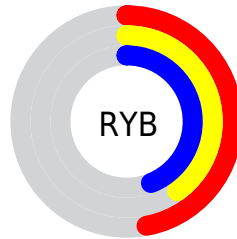
The Hex color **79676F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **677971**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **AD9AA3**, and **48383F** is the 20% darker color. If you saturate the color by 10%, you get **795B68**, and if you desaturate by 10%, it is **797376**.

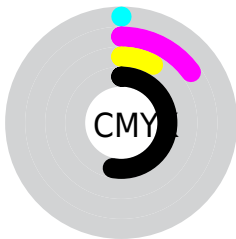
# Distribution



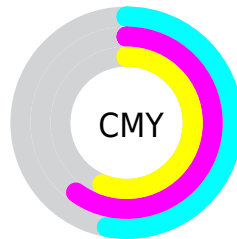
- Red (47%)
- Green (40%)
- Blue (44%)



- Red (47%)
- Yellow (40%)
- Blue (44%)



- Cyan (0%)
- Magenta (15%)
- Yellow (8%)
- Black (53%)



- Cyan (53%)
- Magenta (60%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 79676F 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 79676F by changing the saturation by 10% instead.



 79676F

 79676F

FFFFFF

 604F57

 AD9AA3

 48383F

 C9B5BE

 32232A

 E5D0D9

 1D0D15

 FFEDF6

 000000

 79676F

 79676F

 795B68

 797376

 794F62

 797F7C

 79435B

 798B83

 793754

 79978A

 792B4D

 79A391

 791E47

 79B097

 791240

 79BC9E

 790639

 79C8A5

 790036

 79D4AB

# Harmonies

## Analogous

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



726976



79676F



7C6767

# Triad

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



79676F



6D6D5E



5A6F76

# Complementary

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



79676F



677971

# 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.



597070



79676F



646F62

# Square

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



79676F



756A5D



5D7068



606D7A

# Rectangle

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



79676F



7B6863



5D7068



597074



# Sweetspot

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



79676F



9E989B



716779



4F4B4D



CFCFCF



4F4F4F



# Same Dimension

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



79676F



9E828E



796867



3D373A



7D0038



FC0070



# Inverse Universe

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



79676F



9E828E



677879



3D373A



7D0038



FC0070



# Previews

## White Background



This preview shows how the Hex color 79676F looks on a white background.

## Color Contrast Check

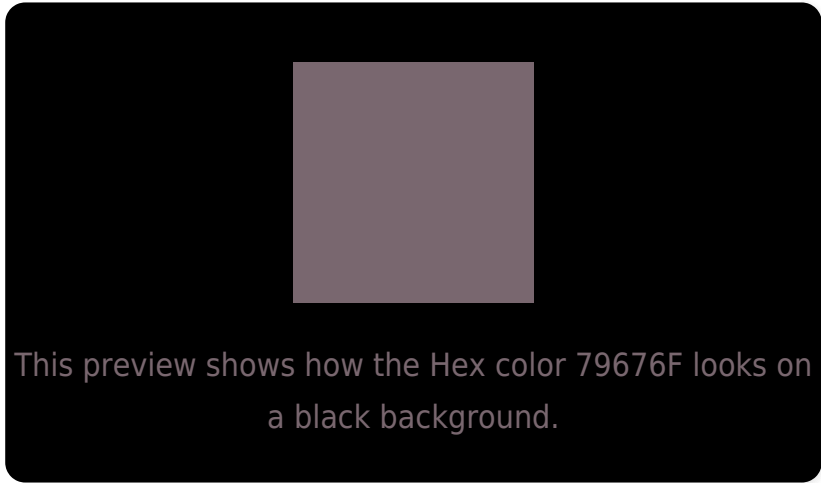
Large Text (above 18pt) WCAG AA ✓ Pass

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

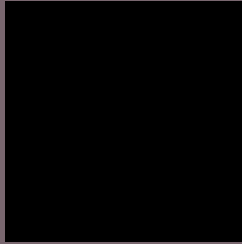
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 79676F Background



This preview shows how black text looks on a background with the Hex color 79676F.



This preview shows how white text looks on a background with the Hex color 79676F.

# 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**  
79676F

**Protanopia**  
6C6B72

**Deuteranopia**  
75696F



**Tritanopia**  
79676F

# Trichromacy



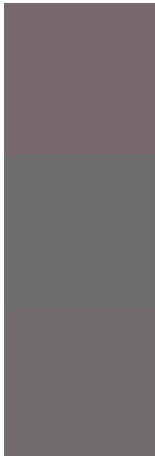
**Original Color**  
79676F

**Protanomaly**  
716A71

**Deuteranomaly**  
76686F

**Tritanomaly**  
79676F

# Monochromacy



**Original Color**  
79676F

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
716B6E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 79676F 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 #79676F looks like.

```
.text, #text, p{  
    color:#79676F  
}
```

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 #79676F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79676F
}
```

## Border

The CSS property to change the border of an element to Hex 79676F is called "border". The border property can be set on classes, ids or directly on the HTML element.

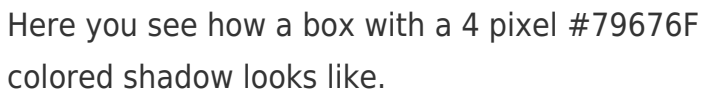
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#79676F }
```

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

```
.border{ border-color:#79676F }
```

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



Here you see how a box with a 4 pixel #79676F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79676F; -webkit-box-shadow:4px 4px  
4px 4px #79676F; box-shadow:4px 4px 4px  
4px #79676F }
```

# Background

The CSS property to change the background color of an element to Hex 79676F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79676F }
```

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

```
.background{ background-color:#79676F }
```

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