

Converting Colors

Hex(676C80)

Have a look what the booklet for
Hex(676C80) contains.

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Color

Hex(676C80)

Conversions

Conversions Part 1

Format	Color
Hex	676C80
RGB	103, 108, 128
RGB Percent	40%, 42%, 50%
CMY	0.5961, 0.5765, 0.4980
CMYK	0.20, 0.16, 0.00, 0.50
HSL	228°, 11%, 45%
HSV	228°, 20%, 50%
XYZ	14.8524, 15.1672, 22.5668
YIQ	108.7850, -9.4000, 5.1600

Conversions

Conversions Part 2

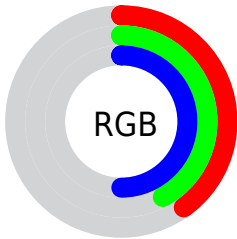
Format	Color
R_{YB}	103, 107, 128
Decimal	6777984
CIE Lab	45.86, 2.66, -11.70
CIE LCh	46, 11.999, 282.827
Yxy	15.1672, 0.2824, 0.2884
Android (android.graphics.Color)	4284968064 (0xFF676C80)
YUV	108.7850, 9.4730, -5.0734
Hunter-Lab	38.9451, -0.0799, -7.0942

Details

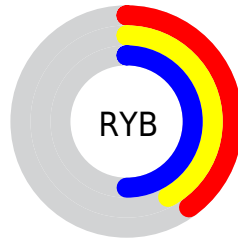
The Hex color **676C80** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **807B67**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **9A9FB5**, and **383D4F** is the 20% darker color. If you saturate the color by 10%, you get **5A6280**, and if you desaturate by 10%, it is **747680**.

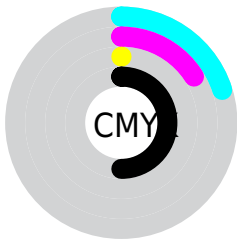
Distribution



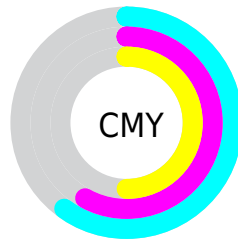
- Red (40%)
- Green (42%)
- Blue (50%)



- Red (40%)
- Yellow (42%)
- Blue (50%)



- Cyan (20%)
- Magenta (16%)
- Yellow (0%)
- Black (50%)



- Cyan (60%)
- Magenta (58%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 676C80 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 676C80 by changing the saturation by 10% instead.



676C80



676C80

FFFFFF



4F5467



9A9FB5



383D4F



B5BAD0



222738



D1D6ED



0D1222



EDF2FF



00000B



000000



676C80



676C80



5A6280



747680



4D5880



818080

■ 414D80

■ 8D8B80

■ 344380

■ 9A9580

■ 273980

■ A79F80

■ 1A2F80

■ B4A980

■ 0D2480

■ C1B480

■ 011A80

■ CDBE80

■ 001A80

■ DAC880

Harmonies

Analogous

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



5B6F7F



676C80



74697B

Triad

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



676C80



80675F



5A7266

Complementary

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



676C80



807B67

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.



65705E



676C80



7A6A5A

Square

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



676C80



826669



706D59



537271

Rectangle

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



676C80



7B6776



706D59



5D7263

Sweetspot

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



676C80



9C9EA6



67807B



4E4F54



D4D4D4



545454

Same Dimension

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



676C80



8087A6



6F6780



393B40



001980



000000

Inverse Universe

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



80676C



A68087



798067



40393B



80001A



000000

Previews

White Background



This preview shows how the Hex color 676C80 looks on a white background.

Color Contrast Check

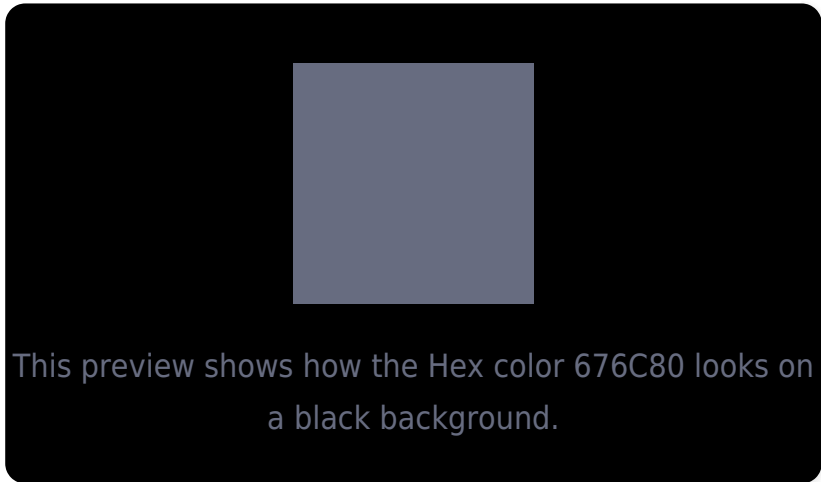
Large Text (above 18pt) WCAG AA ✓ Pass

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

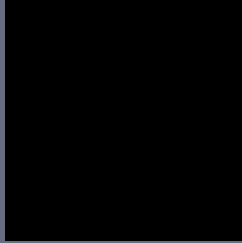
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

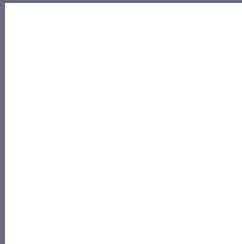
Any Text WCAG AAA × Fail

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

Hex 676C80 Background



This preview shows how black text looks on a background with the Hex color 676C80.



This preview shows how white text looks on a background with the Hex color 676C80.

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

676C80

Protanopia

696C80

Deuteranopia

6D6A80



Tritanopia
656E76

Trichromacy



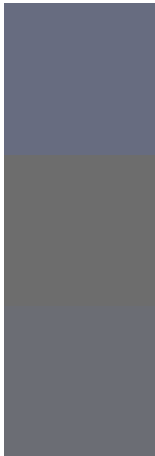
Original Color
676C80

Protanomaly
686C80

Deuteranomaly
6B6B80

Tritanomaly
666D7A

Monochromacy



Original Color
676C80

Achromatopsia
6D6D6D

Achromatomaly
6B6D74

CSS Examples

Text

The CSS property to change the color of the text to Hex 676C80 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 #676C80 looks like.

```
.text, #text, p{  
    color:#676C80  
}
```

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 #676C80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #676C80
}
```

Border

The CSS property to change the border of an element to Hex 676C80 is called "border". The border property can be set on classes, ids or directly on the HTML element.

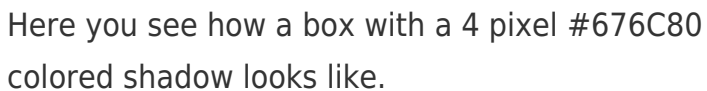
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#676C80 }
```

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

```
.border{ border-color:#676C80 }
```

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



Here you see how a box with a 4 pixel #676C80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #676C80; -webkit-box-shadow:4px 4px  
4px 4px #676C80; box-shadow:4px 4px 4px  
4px #676C80 }
```

Background

The CSS property to change the background color of an element to Hex 676C80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#676C80 }
```

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

```
.background{ background-color:#676C80 }
```

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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