

Converting Colors

Hex(676E8C)

Have a look what the booklet for
Hex(676E8C) contains.

Hex(676E8C)	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(676E8C)

Conversions

Conversions Part 1

Format	Color
Hex	676E8C
RGB	103, 110, 140
RGB Percent	40%, 43%, 55%
CMY	0.5961, 0.5686, 0.4510
CMYK	0.26, 0.21, 0.00, 0.45
HSL	229°, 15%, 48%
HSV	229°, 26%, 55%
XYZ	15.9031, 15.9289, 27.0473
YIQ	111.3270, -13.8020, 7.8460

Conversions

Conversions Part 2

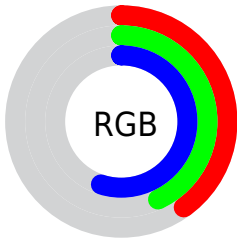
Format	Color
R_{YB}	103, 109, 140
Decimal	6778508
CIE _{Lab}	46.88, 4.48, -17.31
CIE _{LCh}	47, 17.879, 284.510
Yxy	15.9289, 0.2701, 0.2705
Android (android.graphics.Color)	4284968588 (0xFF676E8C)
YUV	111.3270, 14.1358, -7.3028
Hunter-Lab	39.9110, 1.2815, -12.2426

Details

The Hex color **676E8C** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8C8567**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **9BA1C2**, and **373F5A** is the 20% darker color. If you saturate the color by 10%, you get **59638C**, and if you desaturate by 10%, it is **75798C**.

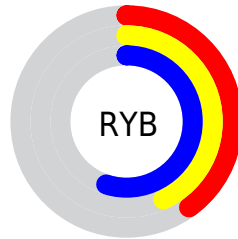
Distribution



Red (40%)

Green (43%)

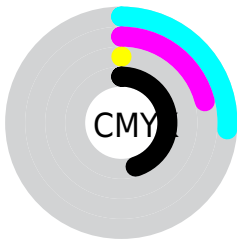
Blue (55%)



Red (40%)

Yellow (43%)

Blue (55%)

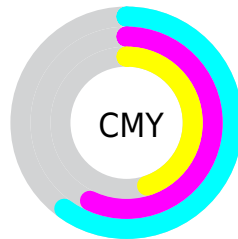


Cyan (26%)

Magenta (21%)

Yellow (0%)

Black (45%)



Cyan (60%)

Magenta (57%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 676E8C 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 676E8C by changing the saturation by 10% instead.

■ 676E8C

■ 676E8C

FFFFFF

■ 4E5672

■ 9BA1C2

■ 373F5A

■ B6BCDE

■ 202942

■ D2D8FA

■ 0A152C

■ EEF5FF

■ 000117

■ 000000

■ 676E8C

■ 676E8C

■ 59638C

■ 75798C

■ 4B578C

■ 83858C

■ 3D4C8C

■ 91908C

■ 2F418C

■ 9F9B8C

■ 21358C

■ ADA78C

■ 132A8C

■ BBB28C

■ 051F8C

■ C9BD8C

■ 001A8C

■ D7C98C

■ E5D48C

Harmonies

Analogous

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



53738C



676E8C



7A6985

Triad

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



676E8C



8B675B



517767

Complementary

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



676E8C



8C8567

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.



627559



676E8C



816C53

Square

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



676E8C



8E6468



737052



457876

Rectangle

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



676E8C



84667C



737052



567662

Sweetspot

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



676E8C



A7A9B5



678C85



53545C



DBDBDB



5C5C5C

Same Dimension

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



676E8C



7B86B5



72678C



3E3F45



001985



000105

Inverse Universe

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



8C676E



B57B86



818C67



453E3F



850019



050001

Previews

White Background



This preview shows how the Hex color 676E8C looks on a white background.

Color Contrast Check

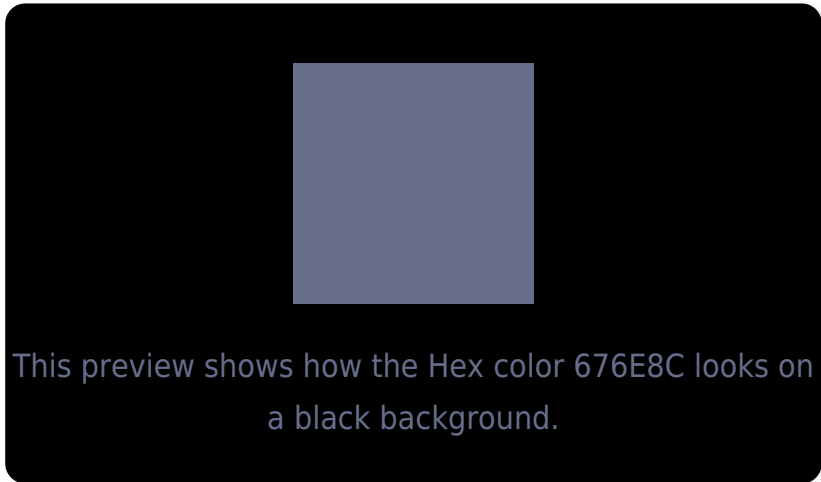
Large Text (above 18pt) WCAG AA ✓ Pass

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

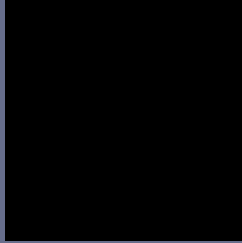
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

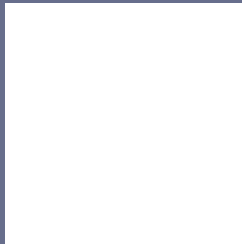
Any Text WCAG AAA × Fail

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

Hex 676E8C Background



This preview shows how black text looks on a background with the Hex color 676E8C.



This preview shows how white text looks on a background with the Hex color 676E8C.

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
676E8C

Protanopia
686E8C

Deuteranopia
6B6D8C



Tritanopia
63717A

Trichromacy



Original Color
676E8C

Protanomaly
686E8C

Deuteranomaly
6A6D8C

Tritanomaly
647081

Monochromacy



Original Color
676E8C

Achromatopsia
6F6F6F

Achromatomaly
6C6F7A

CSS Examples

Text

The CSS property to change the color of the text to Hex 676E8C 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 #676E8C looks like.

```
.text, #text, p{  
    color:#676E8C  
}
```

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 #676E8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #676E8C
}
```

Border

The CSS property to change the border of an element to Hex 676E8C is called "border". The border property can be set on classes, ids or directly on the HTML element.

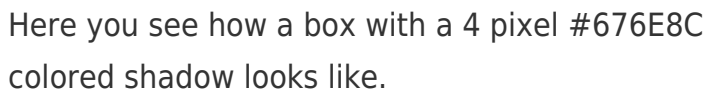
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#676E8C }
```

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

```
.border{ border-color:#676E8C }
```

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



Here you see how a box with a 4 pixel #676E8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #676E8C; -webkit-box-shadow:4px 4px  
4px 4px #676E8C; box-shadow:4px 4px 4px  
4px #676E8C }
```

Background

The CSS property to change the background color of an element to Hex 676E8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#676E8C }
```

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

```
.background{ background-color:#676E8C }
```

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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