

Converting Colors

Hex(676E8A)

Have a look what the booklet for
Hex(676E8A) contains.

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Color

Hex(676E8A)

Conversions

Conversions Part 1

Format	Color
Hex	676E8A
RGB	103, 110, 138
RGB Percent	40%, 43%, 54%
CMY	0.5961, 0.5686, 0.4588
CMYK	0.25, 0.20, 0.00, 0.46
HSL	228°, 15%, 47%
HSV	228°, 25%, 54%
XYZ	15.7569, 15.8704, 26.2776
YIQ	111.0990, -13.1600, 7.2240

Conversions

Conversions Part 2

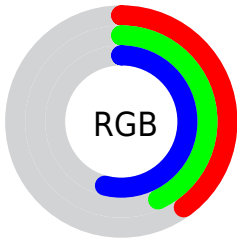
Format	Color
R_{YB}	103, 109, 138
Decimal	6778506
CIE _{Lab}	46.80, 3.96, -16.24
CIE _{LCh}	47, 16.714, 283.722
Yxy	15.8704, 0.2721, 0.2741
Android (android.graphics.Color)	4284968586 (0xFF676E8A)
YUV	111.0990, 13.2622, -7.1028
Hunter-Lab	39.8377, 0.8857, -11.2223

Details

The Hex color **676E8A** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8A8367**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **9BA1BF**, and **373F58** is the 20% darker color. If you saturate the color by 10%, you get **59638A**, and if you desaturate by 10%, it is **75798A**.

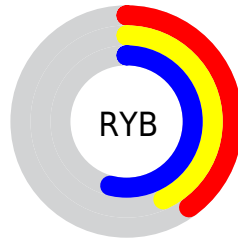
Distribution



Red (40%)

Green (43%)

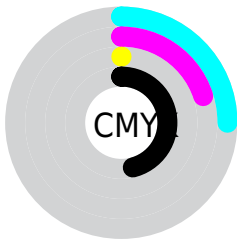
Blue (54%)



Red (40%)

Yellow (43%)

Blue (54%)

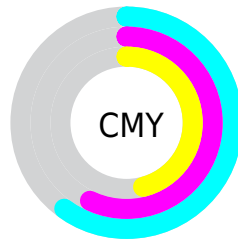


Cyan (25%)

Magenta (20%)

Yellow (0%)

Black (46%)



Cyan (60%)

Magenta (57%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 676E8A 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 676E8A by changing the saturation by 10% instead.



676E8A



676E8A

FFFFFF



4F5671



9BA1BF



373F58



B6BCDB



202941



D1D8F8



0A142A



EE55FF



000116



000000



676E8A



676E8A



59638A



75798A



4B588A



83848A

■ 3E4D8A

■ 908F8A

■ 30428A

■ 9E9A8A

■ 22378A

■ ACA58A

■ 142C8A

■ BAB08A

■ 06218A

■ C8BB8A

■ 001C8A

■ D5C68A

■ E3D18A

Harmonies

Analogous

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



547389



676E8A



796983

Triad

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



676E8A



89675C



537667

Complementary

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



676E8A



8A8367

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.



63745A



676E8A



806B54

Square

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



676E8A



8C6569



737054



497775

Rectangle

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



676E8A



83677C



737054



587662

Sweetspot

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



676E8A



A4A7B3



678A83



505259



D9D9D9



595959

Same Dimension

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



676E8A



7D88B3



72678A



3E3F45



001B85



000105

Inverse Universe

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



8A676E



B37D88



7F8A67



453E3F



85001B



050001

Previews

White Background



This preview shows how the Hex color 676E8A looks on a white background.

Color Contrast Check

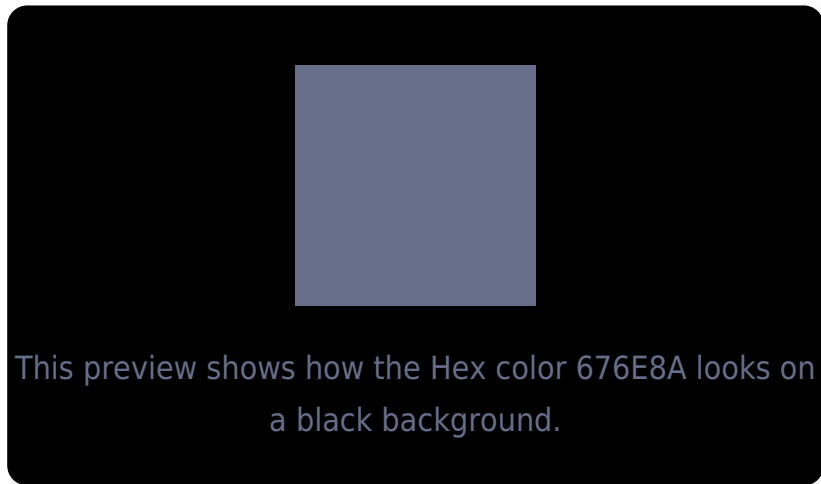
Large Text (above 18pt) WCAG AA ✓ Pass

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

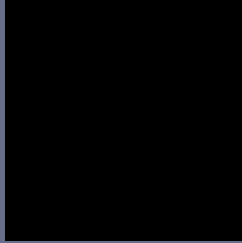
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

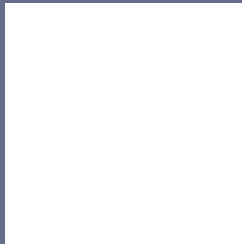
Any Text WCAG AAA × Fail

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

Hex 676E8A Background



This preview shows how black text looks on a background with the Hex color 676E8A.



This preview shows how white text looks on a background with the Hex color 676E8A.

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

676E8A

Protanopia

686E8A

Deuteranopia

6B6D8A



Tritanopia
64717A

Trichromacy



Original Color

676E8A

Protanomaly

686E8A

Deuteranomaly

6A6D8A

Tritanomaly

657080

Monochromacy



Original Color

676E8A

Achromatopsia

6F6F6F

Achromatomaly

6C6F79

CSS Examples

Text

The CSS property to change the color of the text to Hex 676E8A 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 #676E8A looks like.

```
.text, #text, p{  
    color:#676E8A  
}
```

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 #676E8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #676E8A
}
```

Border

The CSS property to change the border of an element to Hex 676E8A 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
#676E8A }
```

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

```
.border{ border-color:#676E8A }
```

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

Here you see how a box with a 4 pixel #676E8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #676E8A; -webkit-box-shadow:4px 4px  
4px 4px #676E8A; box-shadow:4px 4px 4px  
4px #676E8A }
```

Background

The CSS property to change the background color of an element to Hex 676E8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#676E8A }
```

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

```
.background{ background-color:#676E8A }
```

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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