

Converting Colors

Hex(676A96)

Have a look what the booklet for
Hex(676A96) contains.

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Color

Hex(676A96)

Conversions

Conversions Part 1

Format	Color
Hex	676A96
RGB	103, 106, 150
RGB Percent	40%, 42%, 59%
CMY	0.5961, 0.5843, 0.4118
CMYK	0.31, 0.29, 0.00, 0.41
HSL	236°, 19%, 50%
HSV	236°, 31%, 59%
XYZ	16.2526, 15.3936, 30.9688
YIQ	110.1190, -15.9120, 13.0480

Conversions

Conversions Part 2

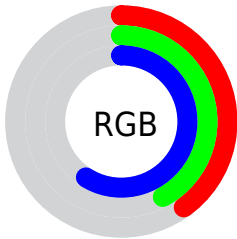
Format	Color
R_{YB}	103, 106, 150
Decimal	6777494
CIE _{Lab}	46.17, 9.55, -24.34
CIE _{LCh}	46, 26.148, 291.430
Yxy	15.3936, 0.2596, 0.2458
Android (android.graphics.Color)	4284967574 (0xFF676A96)
YUV	110.1190, 19.6613, -6.2434
Hunter-Lab	39.2347, 5.2810, -19.3346

Details

The Hex color **676A96** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **969367**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **9B9DCC**, and **363B63** is the 20% darker color. If you saturate the color by 10%, you get **585C96**, and if you desaturate by 10%, it is **767896**.

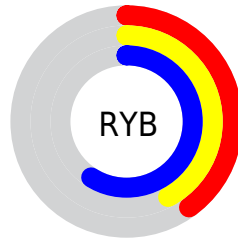
Distribution



Red (40%)

Green (42%)

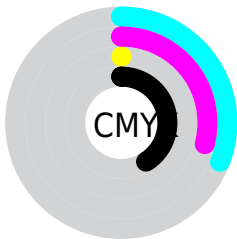
Blue (59%)



Red (40%)

Yellow (42%)

Blue (59%)

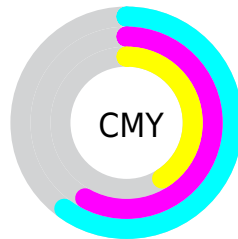


Cyan (31%)

Magenta (29%)

Yellow (0%)

Black (41%)



Cyan (60%)

Magenta (58%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 676A96 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 676A96 by changing the saturation by 10% instead.



676A96



676A96

FFFFFF



4E527C



9B9DCC



363B63



B6B8E9



1E254B



D2D4FF



051134



EFF0FF



00021F



000001



000000



676A96



676A96



585C96



767896

■ 494E96

■ 858696

■ 3A4096

■ 949496

■ 2B3296

■ A3A296

■ 1C2496

■ B2B096

■ 0D1696

■ C1BE96

■ 000A96

■ D0CC96

■ DFDA96

■ EEE896

Harmonies

Analogous

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



447198



676A96



836289

Triad

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



676A96



91624C



377966

Complementary

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



676A96



969367

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.



537651



676A96



826A42

Square

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



676A96



985D5E



6C7144



1C797D

Rectangle

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



676A96



905E7C



6C7144



41785F

Sweetspot

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



676A96



B0B1C2



679693



565761



E0E0E0



616161

Same Dimension

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



676A96



787DC2



7B6796



43434A



00098A



00010A

Inverse Universe

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



96676A



C2787D



829667



4A4343



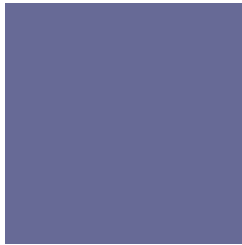
8A0009



0A0001

Previews

White Background



This preview shows how the Hex color 676A96 looks on a white background.

Color Contrast Check

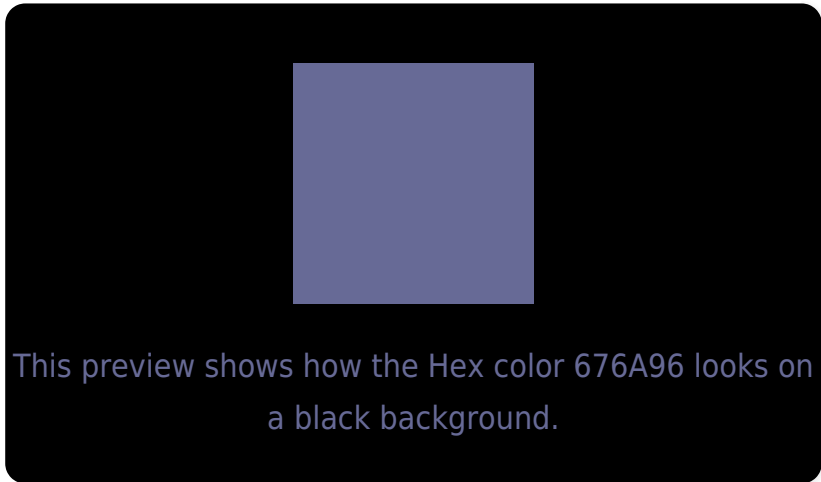
Large Text (above 18pt) WCAG AA ✓ Pass

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

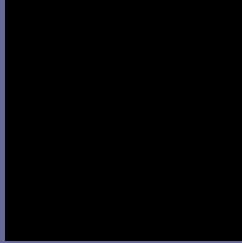
Any Text WCAG AA × Fail

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 676A96 Background



This preview shows how black text looks on a background with the Hex color 676A96.



This preview shows how white text looks on a background with the Hex color 676A96.

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
676A96

Protanopia
606C97

Deuteranopia
616C96



Tritanopia
617079

Trichromacy



Original Color
676A96

Protanomaly
636B97

Deuteranomaly
636B96

Tritanomaly
636E84

Monochromacy



Original Color
676A96

Achromatopsia
6E6E6E

Achromatomaly
6B6D7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 676A96 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 #676A96 looks like.

```
.text, #text, p{  
    color:#676A96  
}
```

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 #676A96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #676A96
}
```

Border

The CSS property to change the border of an element to Hex 676A96 is called "border". The border property can be set on classes, ids or directly on the HTML element.

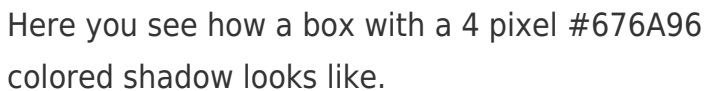
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#676A96 }
```

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

```
.border{ border-color:#676A96 }
```

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



Here you see how a box with a 4 pixel #676A96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #676A96; -webkit-box-shadow:4px 4px  
4px 4px #676A96; box-shadow:4px 4px 4px  
4px #676A96 }
```

Background

The CSS property to change the background color of an element to Hex 676A96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#676A96 }
```

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

```
.background{ background-color:#676A96 }
```

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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