

# Converting Colors

Hex(676A82)

Have a look what the booklet for  
Hex(676A82) contains.

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# Color

Hex(676A82)

# Conversions

## Conversions Part 1

Format	Color
Hex	676A82
RGB	103, 106, 130
RGB Percent	40%, 42%, 51%
CMY	0.5961, 0.5843, 0.4902
CMYK	0.21, 0.18, 0.00, 0.49
HSL	233°, 12%, 46%
HSV	233°, 21%, 51%
XYZ	14.7768, 14.8033, 23.1976
YIQ	107.8390, -9.4920, 6.8280

# Conversions

## Conversions Part 2

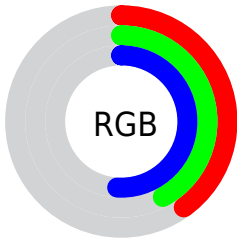
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	103, 106, 130
Decimal	6777474
CIE <sub>Lab</sub>	45.36, 4.36, -13.65
CIE <sub>LCh</sub>	45, 14.330, 287.697
Yxy	14.8033, 0.2800, 0.2805
Android (android.graphics.Color)	4284967554 (0xFF676A82)
YUV	107.8390, 10.9254, -4.2438
Hunter-Lab	38.4751, 1.2236, -8.8148

# Details

The Hex color **676A82** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **827F67**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **9A9DB7**, and **373B51** is the 20% darker color. If you saturate the color by 10%, you get **5A5E82**, and if you desaturate by 10%, it is **747682**.

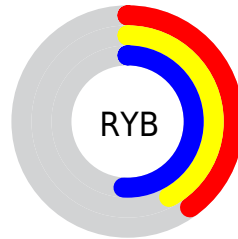
# Distribution



Red (40%)

Green (42%)

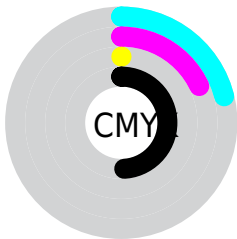
Blue (51%)



Red (40%)

Yellow (42%)

Blue (51%)

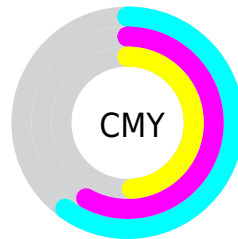


Cyan (21%)

Magenta (18%)

Yellow (0%)

Black (49%)



Cyan (60%)

Magenta (58%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 676A82 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 676A82 by changing the saturation by 10% instead.



■ 676A82

■ 676A82

FFFFFF

■ 4F5269

■ 9A9DB7

■ 373B51

■ B5B8D3

■ 21253A

■ D1D4EF

■ 0D1024

■ EDF0FF

■ 00010D

■ 000000

■ 676A82

■ 676A82

■ 5A5E82

■ 747682

■ 4D5382

■ 818182

■ 404782

■ 8E8D82

■ 333C82

■ 9B9882

■ 263082

■ A8A482

■ 192582

■ B5AF82

■ 0C1982

■ C2BB82

■ 000E82

■ CFC682

■ DCD282

# Harmonies

## Analogous

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



576E82



676A82



76667C

# Triad

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



676A82



82655A



537266

# Complementary

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



676A82



827F67

# 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.



5F705B



676A82



796954

# Square

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



676A82



846365



6D6D55



4B7272

# Rectangle

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



676A82



7E6475



6D6D55



577162



# Sweetspot

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



676A82



9E9FA8



67827F



4E4F54



D4D4D4



545454



# Same Dimension

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



676A82



7E83A8



716782



393A40



000E80



000000



# Inverse Universe

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



82676A



A87E83



788267



40393A



80000E



000000



# Previews

## White Background



This preview shows how the Hex color 676A82 looks on a white background.

## Color Contrast Check

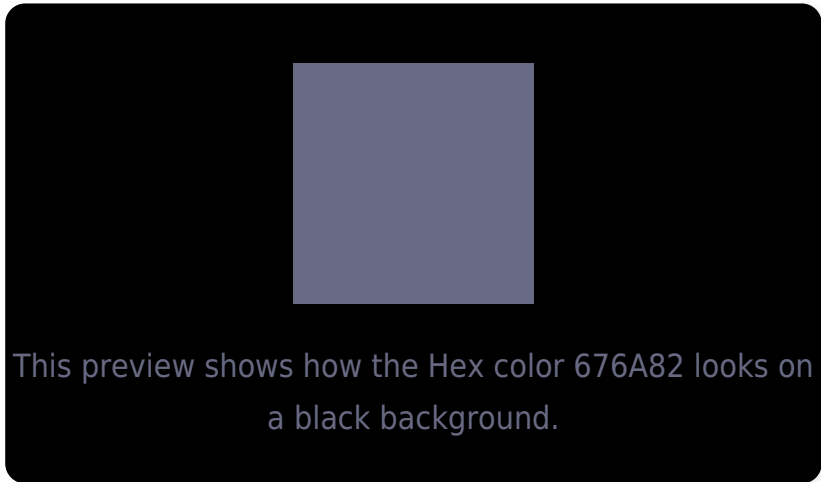
Large Text (above 18pt) WCAG AA ✓ Pass

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

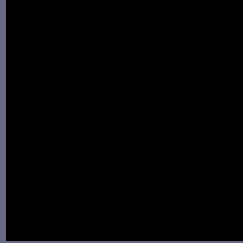
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

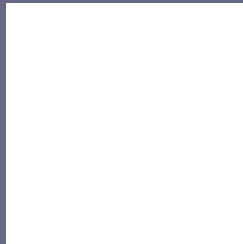
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 676A82 Background



This preview shows how black text looks on a background with the Hex color 676A82.



This preview shows how white text looks on a background with the Hex color 676A82.

# 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**

676A82

**Protanopia**

666A82

**Deuteranopia**

6A6982



**Tritanopia**  
656C75

# Trichromacy



**Original Color**

676A82

**Protanomaly**

666A82

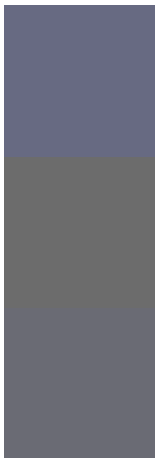
**Deuteranomaly**

696982

**Tritanomaly**

666B7A

# Monochromacy



**Original Color**

676A82

**Achromatopsia**

6C6C6C

**Achromatomaly**

6A6B74

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 676A82 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 #676A82 looks like.

```
.text, #text, p{  
    color:#676A82  
}
```

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 #676A82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #676A82
}
```

## Border

The CSS property to change the border of an element to Hex 676A82 is called "border". The border property can be set on classes, ids or directly on the HTML element.

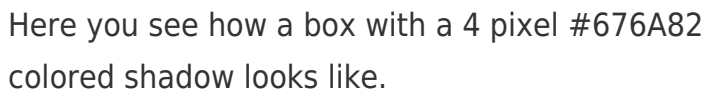
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#676A82 }
```

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

```
.border{ border-color:#676A82 }
```

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



Here you see how a box with a 4 pixel #676A82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #676A82; -webkit-box-shadow:4px 4px  
4px 4px #676A82; box-shadow:4px 4px 4px  
4px #676A82 }
```

# Background

The CSS property to change the background color of an element to Hex 676A82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#676A82 }
```

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

```
.background{ background-color:#676A82 }
```

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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