

# Converting Colors

Hex(676A7E)

Have a look what the booklet for  
Hex(676A7E) contains.

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# Color

Hex(676A7E)

# Conversions

## Conversions Part 1

Format	Color
Hex	676A7E
RGB	103, 106, 126
RGB Percent	40%, 42%, 49%
CMY	0.5961, 0.5843, 0.5059
CMYK	0.18, 0.16, 0.00, 0.51
HSL	232°, 10%, 45%
HSV	232°, 18%, 49%
XYZ	14.5134, 14.6980, 21.8107
YIQ	107.3830, -8.2080, 5.5840

# Conversions

## Conversions Part 2

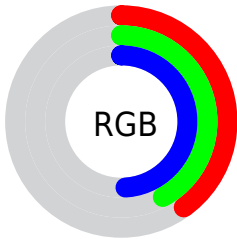
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	103, 106, 126
Decimal	6777470
CIE <sub>Lab</sub>	45.22, 3.38, -11.47
CIE <sub>LCh</sub>	45, 11.961, 286.406
Yxy	14.6980, 0.2845, 0.2881
Android (android.graphics.Color)	4284967550 (0xFF676A7E)
<b>YUV</b>	107.3830, 9.1782, -3.8439
Hunter-Lab	38.3380, 0.4826, -6.8939

# Details

The Hex color **676A7E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7E7B67**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **9A9DB3**, and **383B4D** is the 20% darker color. If you saturate the color by 10%, you get **5A5F7E**, and if you desaturate by 10%, it is **74757E**.

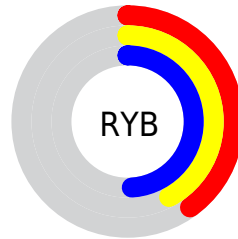
# Distribution



Red (40%)

Green (42%)

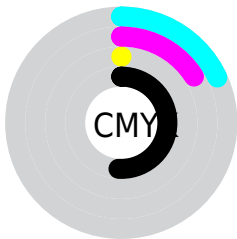
Blue (49%)



Red (40%)

Yellow (42%)

Blue (49%)

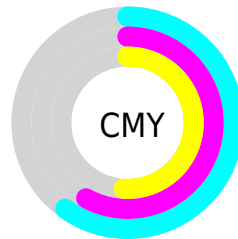


Cyan (18%)

Magenta (16%)

Yellow (0%)

Black (51%)



Cyan (60%)

Magenta (58%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 676A7E 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 676A7E by changing the saturation by 10% instead.





676A7E



676A7E

FFFFFF



4F5265



9A9DB3



383B4D



B5B8CE



222536



D1D4EA



0D1021



EDF0FF



000008



000000



676A7E



676A7E



5A5F7E



74757E



4E547E



80807E

41497E

8D8B7E

353E7E

99967E

28337E

A6A17E

1B287E

B3AC7E

0F1D7E

BFB77E

02127E

CCC27E

00107E

D8CD7E

# Harmonies

## Analogous

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



5A6D7E



676A7E



736779

# Triad

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



676A7E



7E665D



577166

# Complementary

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



676A7E



7E7B67

# 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.



626F5D



676A7E



776958

# Square

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



676A7E



806466



6D6C58



517170

# Rectangle

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



676A7E



7A6573



6D6C58



5A7063



# Sweetspot

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



676A7E



9B9CA3



677E7B



4D4D52



D1D1D1



525252



# Same Dimension

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



676A7E



7F84A3



6F677E



393A40



001180



000000



# Inverse Universe

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



7E676A



A37F84



767E67



40393A



800011



000000



# Previews

## White Background



This preview shows how the Hex color 676A7E looks on a white background.

## Color Contrast Check

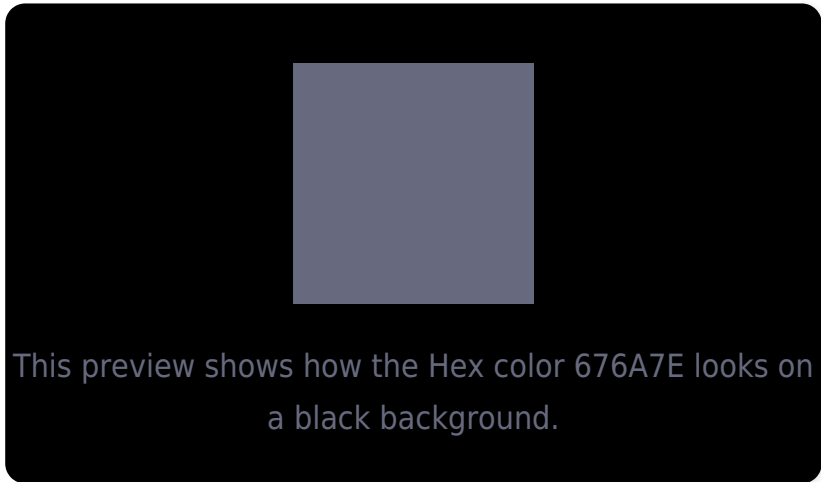
Large Text (above 18pt) WCAG AA ✓ Pass

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

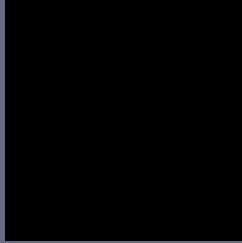
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

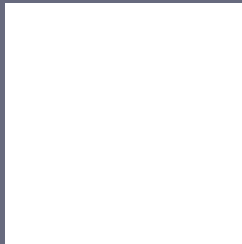
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 676A7E Background



This preview shows how black text looks on a background with the Hex color 676A7E.



This preview shows how white text looks on a background with the Hex color 676A7E.

# 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**

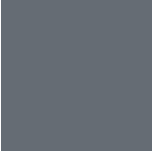
676A7E

**Protanopia**

676A7E

**Deuteranopia**

6C687E



**Tritanopia**  
656C74

# Trichromacy



**Original Color**

676A7E

**Protanomaly**

676A7E

**Deuteranomaly**

6A697E

**Tritanomaly**

666B78

# Monochromacy



**Original Color**

676A7E

**Achromatopsia**

6B6B6B

**Achromatomaly**

6A6B72

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 676A7E 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 #676A7E looks like.

```
.text, #text, p{  
    color:#676A7E  
}
```

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 #676A7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #676A7E
}
```

## Border

The CSS property to change the border of an element to Hex 676A7E is called "border". The border property can be set on classes, ids or directly on the HTML element.

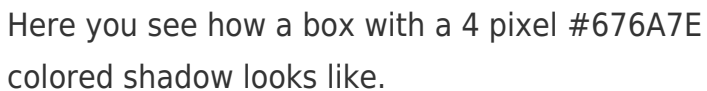
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#676A7E }
```

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

```
.border{ border-color:#676A7E }
```

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



Here you see how a box with a 4 pixel #676A7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #676A7E; -webkit-box-shadow:4px 4px  
4px 4px #676A7E; box-shadow:4px 4px 4px  
4px #676A7E }
```

# Background

The CSS property to change the background color of an element to Hex 676A7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#676A7E }
```

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

```
.background{ background-color:#676A7E }
```

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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