

# Converting Colors

Hex(677585)

Have a look what the booklet for  
Hex(677585) contains.

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# Color

**Hex(677585)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	677585
RGB	103, 117, 133
RGB Percent	40%, 46%, 52%
CMY	0.5961, 0.5412, 0.4784
CMYK	0.23, 0.12, 0.00, 0.48
HSL	212°, 13%, 46%
HSV	212°, 23%, 52%
XYZ	16.1884, 17.2996, 24.6762
YIQ	114.6380, -13.4800, 2.0080

# Conversions

## Conversions Part 2

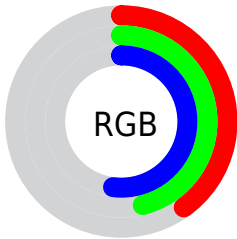
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	103, 113, 133
Decimal	6780293
CIE Lab	48.64, -1.44, -10.50
CIE LCh	49, 10.596, 262.169
Yxy	17.2996, 0.2783, 0.2974
Android (android.graphics.Color)	4284970373 (0xFF677585)
YUV	114.6380, 9.0525, -10.2065
Hunter-Lab	41.5928, -3.3129, -6.0607

# Details

The Hex color **677585** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **857767**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **9AA9BA**, and **374553** is the 20% darker color. If you saturate the color by 10%, you get **5A6E85**, and if you desaturate by 10%, it is **747C85**.

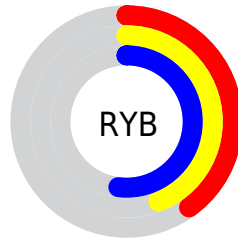
# Distribution



Red (40%)

Green (46%)

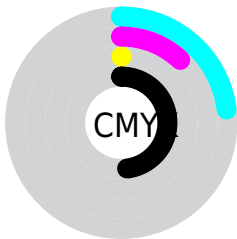
Blue (52%)



Red (40%)

Yellow (44%)

Blue (52%)

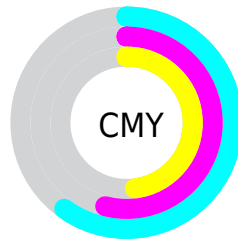


Cyan (23%)

Magenta (12%)

Yellow (0%)

Black (48%)



Cyan (60%)

Magenta (54%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 677585 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 677585 by changing the saturation by 10% instead.



■ 677585

■ 677585

FFFFFF

■ 4F5C6C

■ 9AA9BA

■ 374553

■ B5C4D6

■ 212F3C

■ D1E0F2

■ 0B1A27

■ EEFDFE

■ 000112

■ 000000

■ 677585

■ 677585

■ 5A6E85

■ 747C85

■ 4C6785

■ 828385

■ 3F6085

■ 8F8A85

■ 325985

■ 9C9185

■ 255285

■ AA9885

■ 174A85

■ B7A085

■ 0A4385

■ C4A785

■ 003E85

■ D1AE85

■ DFB585

# Harmonies

## Analogous

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



5F7781



677585



727284

# Triad

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



677585



876E6D



697768

# Complementary

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



677585



857767

# 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.



747563



677585



846F66

# Square

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



677585



846E76



7D7262



617971

# Rectangle

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



677585



7A7081



7D7262



6D7766



# Sweetspot

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



677585



A1A7AD



678577



505357



D6D6D6



575757



# Same Dimension

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



677585



7F94AD



686785



3C3F42



003D82



000103



# Inverse Universe

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



856775



AD7F94



848567



423C3F



82003D



030001



# Previews

## White Background



This preview shows how the Hex color 677585 looks on a white background.

## Color Contrast Check

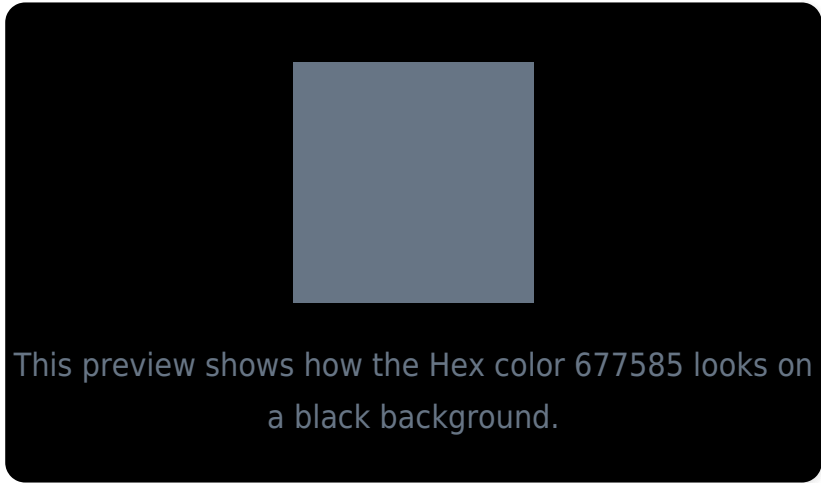
Large Text (above 18pt) WCAG AA ✓ Pass

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

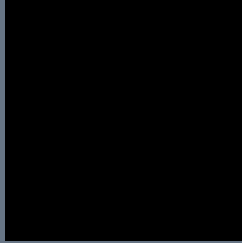
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

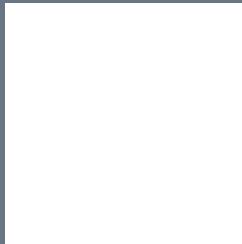
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 677585 Background



This preview shows how black text looks on a background with the Hex color 677585.

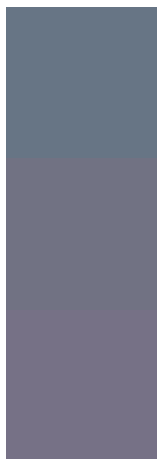


This preview shows how white text looks on a background with the Hex color 677585.

# 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](#).

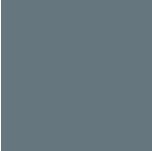
## Dichromacy



**Original Color**  
677585

**Protanopia**  
717283

**Deuteranopia**  
767186



**Tritanopia**  
66767F

# Trichromacy



**Original Color**  
677585

**Protanomaly**  
6D7384

**Deuteranomaly**  
717286

**Tritanomaly**  
667681

# Monochromacy



**Original Color**  
677585

**Achromatopsia**  
737373

**Achromatomaly**  
6F747A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 677585 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 #677585 looks like.

```
.text, #text, p{  
    color:#677585  
}
```

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 #677585 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #677585
}
```

## Border

The CSS property to change the border of an element to Hex 677585 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
#677585 }
```

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

```
.border{ border-color:#677585 }
```

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

Here you see how a box with a 4 pixel #677585 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #677585; -webkit-box-shadow:4px 4px  
4px 4px #677585; box-shadow:4px 4px 4px  
4px #677585 }
```

# Background

The CSS property to change the background color of an element to Hex 677585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#677585 }
```

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

```
.background{ background-color:#677585 }
```

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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