

# Converting Colors

Hex(6F7877)

Have a look what the booklet for  
Hex(6F7877) contains.

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# Color

**Hex(6F7877)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F7877
RGB	111, 120, 119
RGB Percent	44%, 47%, 47%
CMY	0.5647, 0.5294, 0.5333
CMYK	0.07, 0.00, 0.01, 0.53
HSL	173°, 4%, 45%
HSV	173°, 7%, 47%
XYZ	16.6018, 18.1444, 20.0800
YIQ	117.1950, -5.0430, -2.2190

# Conversions

## Conversions Part 2

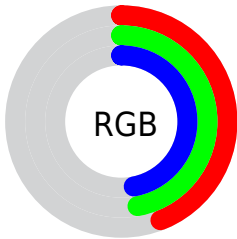
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 116, 120
Decimal	7305335
CIE Lab	49.67, -3.57, -0.62
CIE LCh	50, 3.620, 189.786
Yxy	18.1444, 0.3028, 0.3309
Android (android.graphics.Color)	4285495415 (0xFF6F7877)
YUV	117.1950, 0.8899, -5.4330
Hunter-Lab	42.5962, -4.9733, 1.8679

# Details

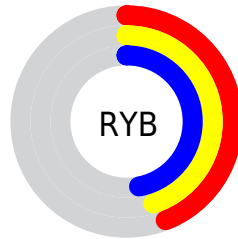
The Hex color **6F7877** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **786F70**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **A3ACAB**, and **3F4847** is the 20% darker color. If you saturate the color by 10%, you get **637876**, and if you desaturate by 10%, it is **7B7878**.

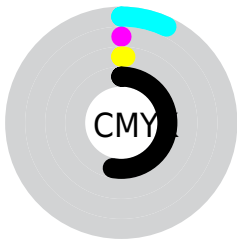
# Distribution



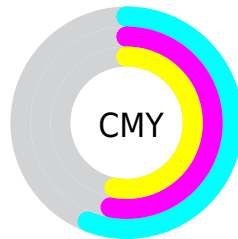
- Red (44%)
- Green (47%)
- Blue (47%)



- Red (44%)
- Yellow (45%)
- Blue (47%)



- Cyan (7%)
- Magenta (0%)
- Yellow (1%)
- Black (53%)



- Cyan (56%)
- Magenta (53%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F7877 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 6F7877 by changing the saturation by 10% instead.





6F7877



6F7877

FFFFFF



575F5E



A3ACAB



3F4847



BEC8C6



293130



DAE4E2



151C1C



F6FFFF



000000



6F7877



6F7877



637876



7B7878



577874



87787A



4B7873



93787B

■ 3F7872

■ 9F787C

■ 337870

■ AB787E

■ 27786F

■ B7787F

■ 1B786E

■ C37880

■ 0F786C

■ CF7882

■ 03786B

■ DB7883

# Harmonies

## Analogous

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



717874



6F7877



6F787A

# Triad

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



6F7877



78757B



7B7570

# Complementary

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



6F7877



786F70

# 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.



7D7472



6F7877



7B7478

# Square

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



6F7877



74767C



7D7475



787670

# Rectangle

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



6F7877



70777B



7D7475



7C7571



# Sweetspot

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



6F7877



989C9B



70786F



4D4F4F



CFCFCF



4F4F4F



# Same Dimension

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



6F7877



8E9C9A



6F7578



373D3D



007D6F



00FCE0



# Inverse Universe

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



786F70



9C8E8F



78726F



3D3738



7D000E



FC001C



# Previews

## White Background



This preview shows how the Hex color 6F7877 looks on a white background.

## Color Contrast Check

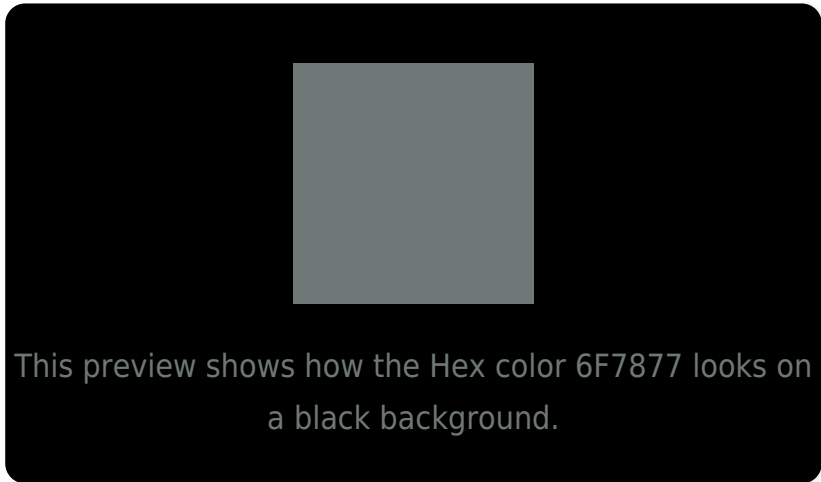
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

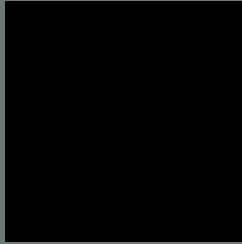
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6F7877 Background



This preview shows how black text looks on a background with the Hex color 6F7877.



This preview shows how white text looks on a background with the Hex color 6F7877.

# 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**  
6F7877

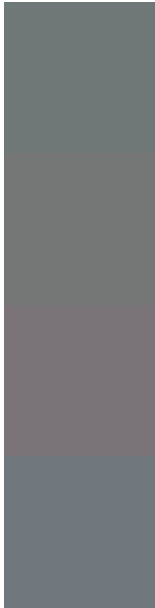
**Protanopia**  
787575

**Deuteranopia**  
807278



**Tritanopia**  
717780

# Trichromacy



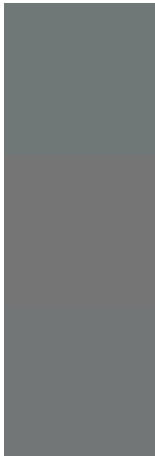
**Original Color**  
6F7877

**Protanomaly**  
757676

**Deuteranomaly**  
7A7478

**Tritanomaly**  
70777D

# Monochromacy



**Original Color**  
6F7877

**Achromatopsia**  
757575

**Achromatomaly**  
737676

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F7877 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 #6F7877 looks like.

```
.text, #text, p{  
    color:#6F7877  
}
```

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 #6F7877 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F7877  
}
```

## Border

The CSS property to change the border of an element to Hex 6F7877 is called "border". The border property can be set on classes, ids or directly on the HTML element.

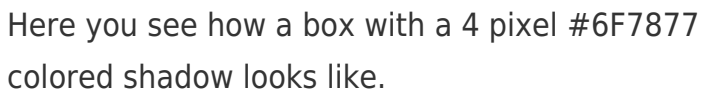
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6F7877 }
```

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

```
.border{ border-color:#6F7877 }
```

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



Here you see how a box with a 4 pixel #6F7877 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F7877; -webkit-box-shadow:4px 4px  
4px 4px #6F7877; box-shadow:4px 4px 4px  
4px #6F7877 }
```

# Background

The CSS property to change the background color of an element to Hex 6F7877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F7877 }
```

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

```
.background{ background-color:#6F7877 }
```

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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