

# Converting Colors

Hex(6F7874)

Have a look what the booklet for  
Hex(6F7874) contains.

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# Color

**Hex(6F7874)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F7874
RGB	111, 120, 116
RGB Percent	44%, 47%, 45%
CMY	0.5647, 0.5294, 0.5451
CMYK	0.07, 0.00, 0.03, 0.53
HSL	153°, 4%, 45%
HSV	153°, 7%, 47%
XYZ	16.4244, 18.0734, 19.1459
YIQ	116.8530, -4.0800, -3.1520

# Conversions

## Conversions Part 2

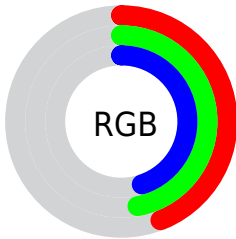
Format	Color
R <sub>Y</sub> B	111, 117, 120
Decimal	7305332
CIE Lab	49.59, -4.20, 1.03
CIE LCh	50, 4.322, 166.208
Yxy	18.0734, 0.3062, 0.3369
Android (android.graphics.Color)	4285495412 (0xFF6F7874)
YUV	116.8530, -0.4205, -5.1331
Hunter-Lab	42.5128, -5.4358, 3.0574

# Details

The Hex color **6F7874** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **786F73**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **A3ACA8**, and **3F4844** is the 20% darker color. If you saturate the color by 10%, you get **63786F**, and if you desaturate by 10%, it is **7B7879**.

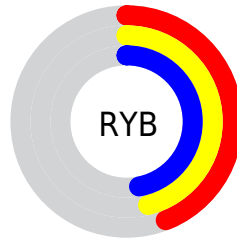
# Distribution



Red (44%)

Green (47%)

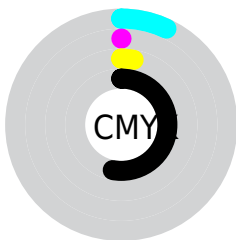
Blue (45%)



Red (44%)

Yellow (46%)

Blue (47%)

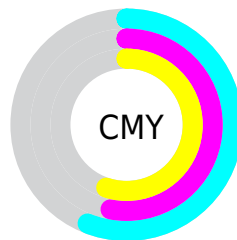


Cyan (7%)

Magenta (0%)

Yellow (3%)

Black (53%)



Cyan (56%)

Magenta (53%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F7874 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 6F7874 by changing the saturation by 10% instead.



6F7874

6F7874

FFFFFF

575F5B

A3ACA8

3F4844

BEC8C3

29312E

D9E4DF

151C19

F6FFFC

000000

6F7874

6F7874

63786F

7B7879

577869

87787F

4B7864

937884

■ 3F785F

■ 9F7889

■ 337859

■ AB788F

■ 277854

■ B77894

■ 1B784F

■ C37899

■ 0F7849

■ CF789F

■ 037844

■ DB78A4

# Harmonies

## Analogous

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



737771



6F7874



6D7878

# Triad

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



6F7874



75767D



7D7471

# Complementary

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



6F7874



786F73

# 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.



7E7474



6F7874



79747B

# Square

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



6F7874



70777D



7C7478



7B756F

# Rectangle

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



6F7874



6D787A



7C7478



7E7472



# Sweetspot

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



6F7874



989C9A



73786F



4D4F4E



CFCFCF



4F4F4F



# Same Dimension

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



6F7874



8E9C95



6F7878



373D3A



007D45



00FC8C



# Inverse Universe

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



786F73



9C8E94



786F6F



3D373A



7D0038



FC0070



# Previews

## White Background



This preview shows how the Hex color 6F7874 looks on a white background.

## Color Contrast Check

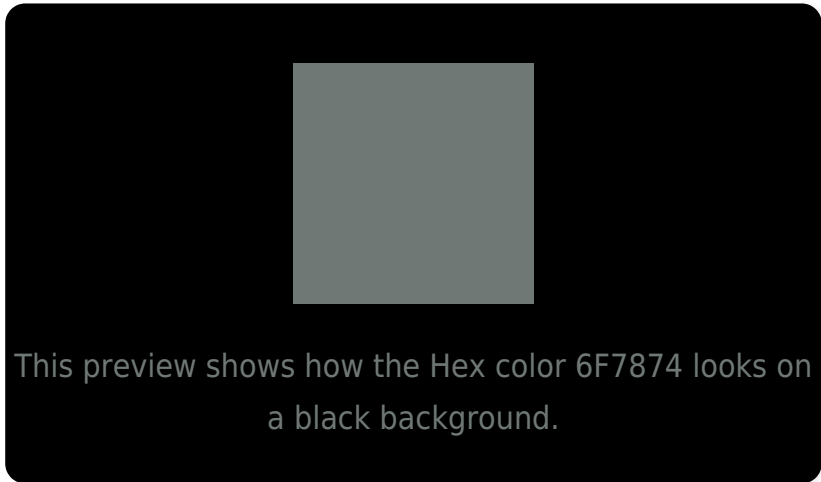
Large Text (above 18pt) WCAG AA ✓ Pass

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

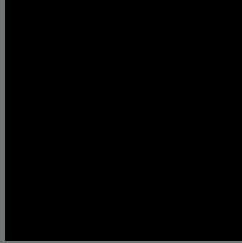
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

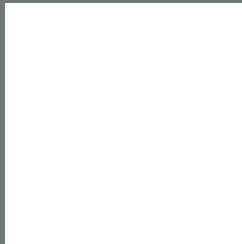
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6F7874 Background



This preview shows how black text looks on a background with the Hex color 6F7874.



This preview shows how white text looks on a background with the Hex color 6F7874.

# 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**  
6F7874

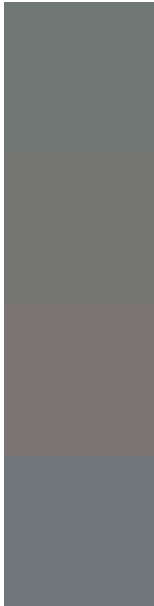
**Protanopia**  
797572

**Deuteranopia**  
817275



**Tritanopia**  
717680

# Trichromacy



**Original Color**  
6F7874

**Protanomaly**  
757673

**Deuteranomaly**  
7A7475

**Tritanomaly**  
70777C

# Monochromacy



**Original Color**  
6F7874

**Achromatopsia**  
757575

**Achromatomaly**  
737675

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F7874 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 #6F7874 looks like.

```
.text, #text, p{  
    color:#6F7874  
}
```

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 #6F7874 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F7874
}
```

## Border

The CSS property to change the border of an element to Hex 6F7874 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
#6F7874 }
```

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

```
.border{ border-color:#6F7874 }
```

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

Here you see how a box with a 4 pixel #6F7874 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F7874; -webkit-box-shadow:4px 4px  
4px 4px #6F7874; box-shadow:4px 4px 4px  
4px #6F7874 }
```

# Background

The CSS property to change the background color of an element to Hex 6F7874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F7874 }
```

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

```
.background{ background-color:#6F7874 }
```

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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