

# Converting Colors

Hex(607174)

Have a look what the booklet for  
Hex(607174) contains.

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# Color

**Hex(607174)**

# Conversions

## Conversions Part 1

Format	Color
Hex	607174
RGB	96, 113, 116
RGB Percent	38%, 44%, 45%
CMY	0.6235, 0.5569, 0.5451
CMYK	0.17, 0.03, 0.00, 0.55
HSL	189°, 9%, 42%
HSV	189°, 17%, 45%
XYZ	13.8814, 15.5580, 18.7944
YIQ	108.2590, -11.0950, -2.6710

# Conversions

## Conversions Part 2

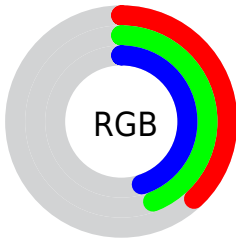
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	96, 105, 116
Decimal	6320500
CIE <sub>Lab</sub>	46.39, -5.61, -3.79
CIE <sub>LCh</sub>	46, 6.769, 214.049
Yxy	15.5580, 0.2878, 0.3226
Android (android.graphics.Color)	4284510580 (0xFF607174)
YUV	108.2590, 3.8163, -10.7511
Hunter-Lab	39.4436, -6.2069, -0.6403

# Details

The Hex color **607174** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **746360**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **93A5A8**, and **314144** is the 20% darker color. If you saturate the color by 10%, you get **546F74**, and if you desaturate by 10%, it is **6C7374**.

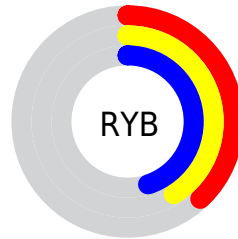
# Distribution



Red (38%)

Green (44%)

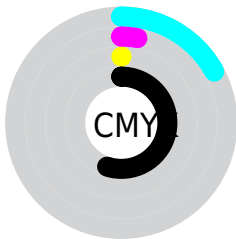
Blue (45%)



Red (38%)

Yellow (41%)

Blue (45%)

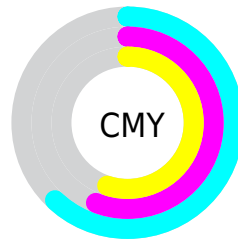


Cyan (17%)

Magenta (3%)

Yellow (0%)

Black (55%)



Cyan (62%)

Magenta (56%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 607174 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 607174 by changing the saturation by 10% instead.



■ 607174

■ 607174

FFFFFF

■ 48595B

■ 93A5A8

■ 314144

■ ADC0C3

■ 1C2B2E

■ C9DCDF

■ 041719

■ E5F8FC

■ 000000

■ 607174

■ 607174

■ 546F74

■ 6C7374

■ 496E74

■ 777474

■ 3D6C74

■ 837674

■ 326A74

■ 8E7874

■ 266874

■ 9A7A74

■ 1A6774

■ A67B74

■ 0F6574

■ B17D74

■ 036374

■ BD7F74

■ 006374

■ C88174

# Harmonies

## Analogous

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



61716E



607174



637078

# Triad

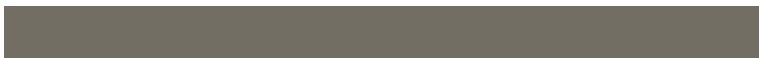
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



607174



766B73



726E63

# Complementary

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



607174



746360

# 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.



776C64



607174



7A6A6D

# Square

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



607174



706C77



7A6B68



6B7064

# Rectangle

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



607174



676F79



7A6B68



746D63



# Sweetspot

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



607174



8F9596



607463



484C4D



CCCCCC



4D4D4D



# Same Dimension

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



607174



779296



606774



353A3B



00687A



00D4FA



# Inverse Universe

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



746071



967792



746D60



3B353A



7A0068



FA00D4



# Previews

## White Background



This preview shows how the Hex color 607174 looks on a white background.

## Color Contrast Check

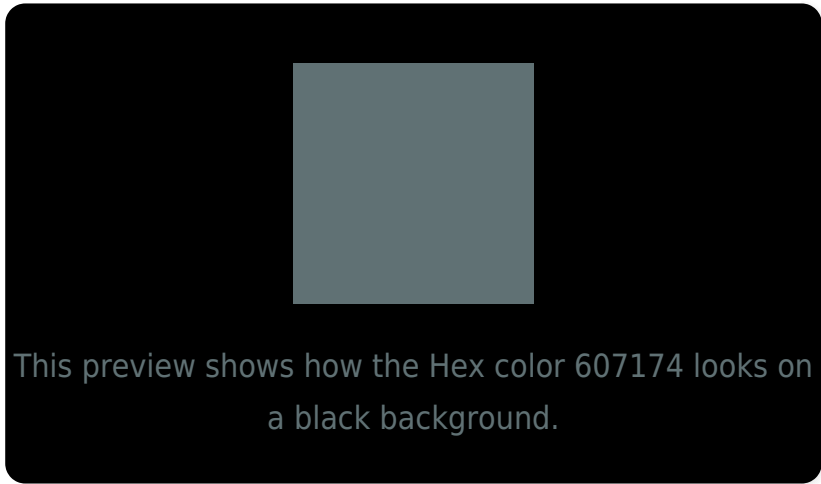
Large Text (above 18pt) WCAG AA ✓ Pass

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

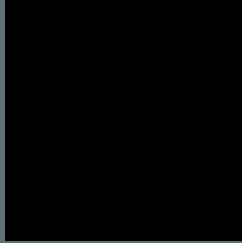
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

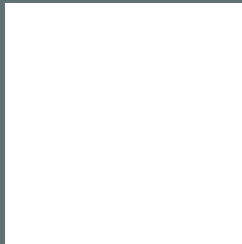
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 607174 Background



This preview shows how black text looks on a background with the Hex color 607174.



This preview shows how white text looks on a background with the Hex color 607174.

# 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**  
607174

**Protanopia**  
6E6D72

**Deuteranopia**  
756B75



**Tritanopia**  
617079

# Trichromacy



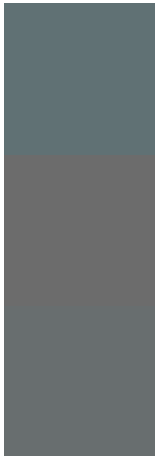
**Original Color**  
607174

**Protanomaly**  
696E73

**Deuteranomaly**  
6D6D75

**Tritanomaly**  
617077

# Monochromacy



**Original Color**  
607174

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
686E6F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 607174 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 #607174 looks like.

```
.text, #text, p{  
    color:#607174  
}
```

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 #607174 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #607174
}
```

## Border

The CSS property to change the border of an element to Hex 607174 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
#607174 }
```

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

```
.border{ border-color:#607174 }
```

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

Here you see how a box with a 4 pixel #607174 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #607174; -webkit-box-shadow:4px 4px  
4px 4px #607174; box-shadow:4px 4px 4px  
4px #607174 }
```

# Background

The CSS property to change the background color of an element to Hex 607174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#607174 }
```

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

```
.background{ background-color:#607174 }
```

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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