

# Converting Colors

Hex(607173)

Have a look what the booklet for  
Hex(607173) contains.

<b>Hex(607173)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(607173)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	607173
RGB	96, 113, 115
RGB Percent	38%, 44%, 45%
CMY	0.6235, 0.5569, 0.5490
CMYK	0.17, 0.02, 0.00, 0.55
HSL	186°, 9%, 41%
HSV	186°, 17%, 45%
XYZ	13.8235, 15.5349, 18.4896
YIQ	108.1450, -10.7740, -2.9820

# Conversions

## Conversions Part 2

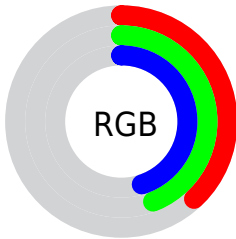
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	96, 105, 115
Decimal	6320499
CIE Lab	46.36, -5.84, -3.24
CIE LCh	46, 6.679, 209.001
Yxy	15.5349, 0.2889, 0.3247
Android (android.graphics.Color)	4284510579 (0xFF607173)
YUV	108.1450, 3.3795, -10.6512
Hunter-Lab	39.4143, -6.3709, -0.2235

# Details

The Hex color **607173** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **736260**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **93A5A7**, and **314143** is the 20% darker color. If you saturate the color by 10%, you get **557073**, and if you desaturate by 10%, it is **6C7273**.

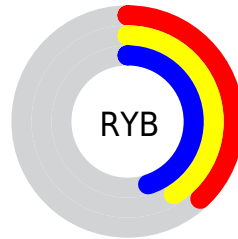
# Distribution



Red (38%)

Green (44%)

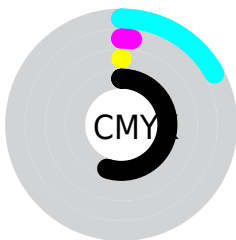
Blue (45%)



Red (38%)

Yellow (41%)

Blue (45%)

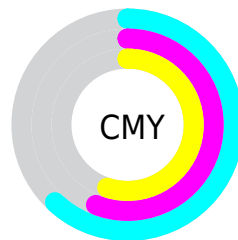


Cyan (17%)

Magenta (2%)

Yellow (0%)

Black (55%)



Cyan (62%)

Magenta (56%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 607173 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 607173 by changing the saturation by 10% instead.



607173

607173

FFFFFF

48595A

93A5A7

314143

ADC0C2

1C2B2D

C9DCDE

041718

E5F8FA

000000

607173

607173

557073

6C7273

496F73

777373

3E6D73

837573

■ 326C73

■ 8E7673

■ 276B73

■ 9A7773

■ 1B6A73

■ A57873

■ 106973

■ B17973

■ 046773

■ BC7B73

■ 006773

■ C87C73

# Harmonies

## Analogous

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



62716D



607173



627077

# Triad

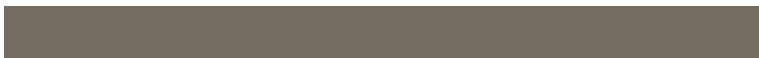
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



607173



756B74



736D63

# Complementary

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



607173



736260

# 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.



786C64



607173



796A6E

# Square

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



607173



6F6C78



7A6A69



6C6F64

# Rectangle

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



607173



666F79



7A6A69



756D63



# Sweetspot

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



607173



8F9696



607362



484C4D



CCCCCC



4D4D4D



# Same Dimension

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



607173



789396



606873



353A3B



006E7A



00E0FA



# Inverse Universe

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



736071



967893



736B60



3B353A



7A006E



FA00E0



# Previews

## White Background



This preview shows how the Hex color 607173 looks on a white background.

## Color Contrast Check

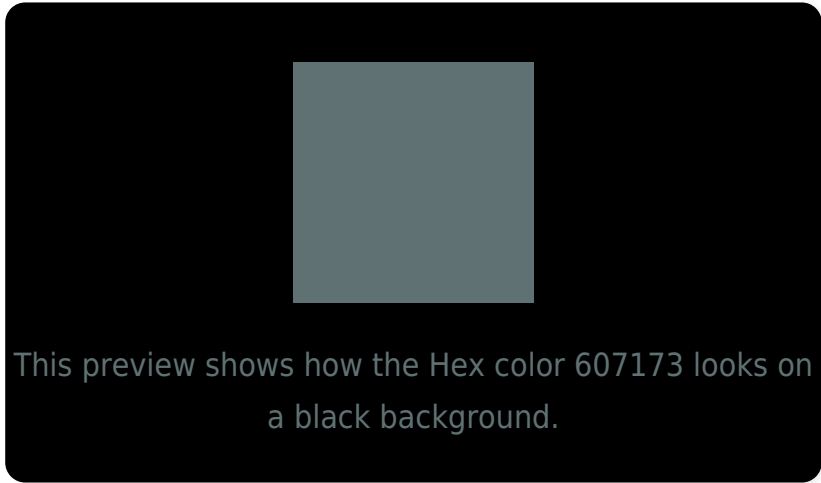
Large Text (above 18pt) WCAG AA ✓ Pass

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

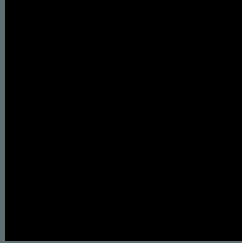
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

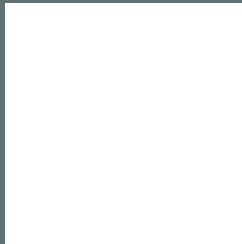
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 607173 Background



This preview shows how black text looks on a background with the Hex color 607173.



This preview shows how white text looks on a background with the Hex color 607173.

# 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**  
607173

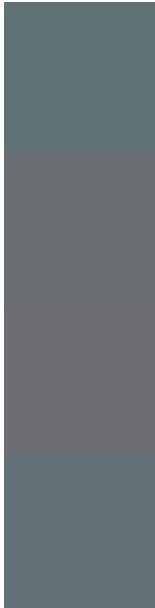
**Protanopia**  
6F6D71

**Deuteranopia**  
756A74



**Tritanopia**  
617079

# Trichromacy



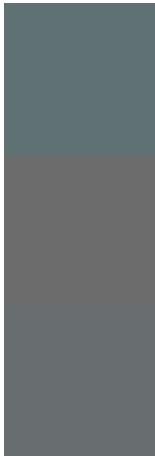
**Original Color**  
607173

**Protanomaly**  
6A6E72

**Deuteranomaly**  
6D6D74

**Tritanomaly**  
617077

# Monochromacy



**Original Color**  
607173

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
686E6F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 607173 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 #607173 looks like.

```
.text, #text, p{  
    color:#607173  
}
```

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 #607173 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #607173
}
```

## Border

The CSS property to change the border of an element to Hex 607173 is called "border". The border property can be set on classes, ids or directly on the HTML element.

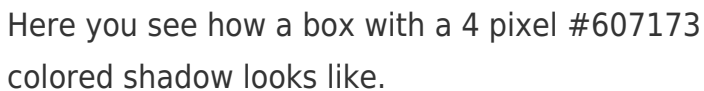
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#607173 }
```

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

```
.border{ border-color:#607173 }
```

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



Here you see how a box with a 4 pixel #607173 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #607173; -webkit-box-shadow:4px 4px  
4px 4px #607173; box-shadow:4px 4px 4px  
4px #607173 }
```

# Background

The CSS property to change the background color of an element to Hex 607173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#607173 }
```

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

```
.background{ background-color:#607173 }
```

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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