

# Converting Colors

Hex(61676B)

Have a look what the booklet for  
Hex(61676B) contains.

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# Color

**Hex(61676B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	61676B
RGB	97, 103, 107
RGB Percent	38%, 40%, 42%
CMY	0.6196, 0.5961, 0.5804
CMYK	0.09, 0.04, 0.00, 0.58
HSL	204°, 5%, 40%
HSV	204°, 9%, 42%
XYZ	12.4339, 13.3034, 15.8224
YIQ	101.6620, -4.8600, -0.0280

# Conversions

## Conversions Part 2

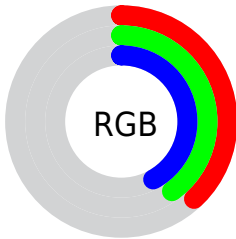
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	97, 101, 107
Decimal	6383467
CIE Lab	43.22, -1.43, -3.05
CIE LCh	43, 3.366, 244.951
Yxy	13.3034, 0.2992, 0.3201
Android (android.graphics.Color)	4284573547 (0xFF61676B)
YUV	101.6620, 2.6316, -4.0886
Hunter-Lab	36.4739, -2.9790, -0.1884

# Details

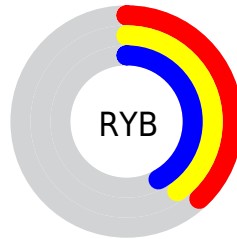
The Hex color **61676B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6B6561**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **949A9E**, and **33383C** is the 20% darker color. If you saturate the color by 10%, you get **56636B**, and if you desaturate by 10%, it is **6C6B6B**.

# Distribution



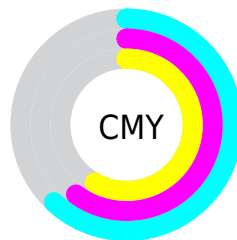
- Red (38%)
- Green (40%)
- Blue (42%)



- Red (38%)
- Yellow (40%)
- Blue (42%)



- Cyan (9%)
- Magenta (4%)
- Yellow (0%)
- Black (58%)



- Cyan (62%)
- Magenta (60%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 61676B 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 61676B by changing the saturation by 10% instead.



■ 61676B

■ 61676B

FFFFFF

■ 494F53

■ 949A9E

■ 33383C

■ AEB5B9

■ 1E2326

■ CAD0D5

■ 050D11

■ E6EDF1

■ 000000

■ 61676B

■ 61676B

■ 56636B

■ 6C6B6B

■ 4C5E6B

■ 76706B

■ 415A6B

■ 81746B

■ 36566B

■ 8C786B

■ 2B526B

■ 977C6B

■ 214D6B

■ A1816B

■ 16496B

■ AC856B

■ 0B456B

■ B7896B

■ 01406B

■ C18E6B

# Harmonies

## Analogous

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



606869



61676B



64666C

# Triad

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



61676B



6C6466



656761

# Complementary

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



61676B



6B6561

# 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.



686661



61676B



6C6463

# Square

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



61676B



6A6568



6B6561



626864

# Rectangle

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



61676B



66666B



6B6561



666761



# Sweetspot

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



61676B



888B8C



616B65



454647



C7C7C7



474747



# Same Dimension

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



61676B



7D868C



61626B



303336



004675



0093F5



# Inverse Universe

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



6B6167



8C7D86



6B6A61



363033



750046



F50093



# Previews

## White Background



This preview shows how the Hex color 61676B looks on a white background.

## Color Contrast Check

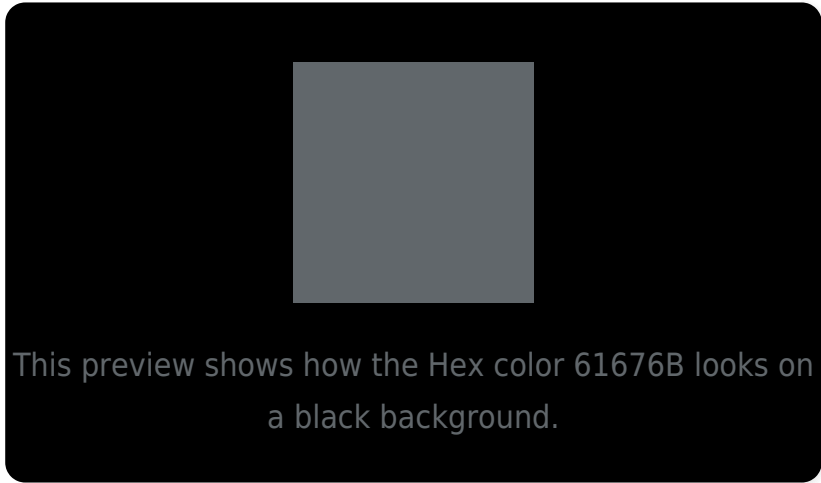
Large Text (above 18pt) WCAG AA ✓ Pass

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

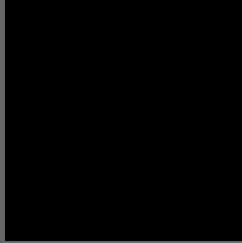
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

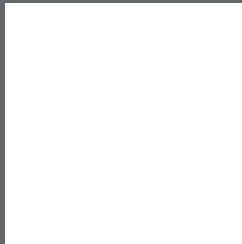
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 61676B Background



This preview shows how black text looks on a background with the Hex color 61676B.



This preview shows how white text looks on a background with the Hex color 61676B.

# 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**  
61676B

**Protanopia**  
67656A

**Deuteranopia**  
6D636C



**Tritanopia**  
62666F

# Trichromacy



**Original Color**

61676B

**Protanomaly**

65666A

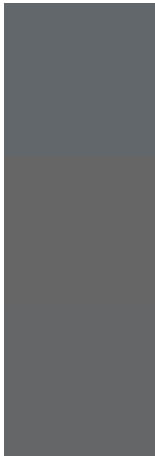
**Deuteranomaly**

69646C

**Tritanomaly**

62666E

# Monochromacy



**Original Color**

61676B

**Achromatopsia**

666666

**Achromatomaly**

646668

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 61676B 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 #61676B looks like.

```
.text, #text, p{  
    color:#61676B  
}
```

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 #61676B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61676B
}
```

## Border

The CSS property to change the border of an element to Hex 61676B is called "border". The border property can be set on classes, ids or directly on the HTML element.

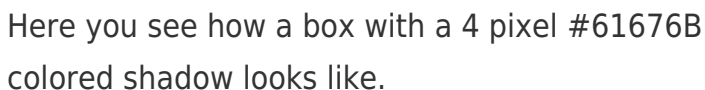
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#61676B }
```

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

```
.border{ border-color:#61676B }
```

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



Here you see how a box with a 4 pixel #61676B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61676B; -webkit-box-shadow:4px 4px  
4px 4px #61676B; box-shadow:4px 4px 4px  
4px #61676B }
```

# Background

The CSS property to change the background color of an element to Hex 61676B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61676B }
```

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

```
.background{ background-color:#61676B }
```

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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