

# Converting Colors

Hex(61676A)

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

<b>Hex(61676A)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(61676A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61676A
RGB	97, 103, 106
RGB Percent	38%, 40%, 42%
CMY	0.6196, 0.5961, 0.5843
CMYK	0.08, 0.03, 0.00, 0.58
HSL	200°, 4%, 40%
HSV	200°, 8%, 42%
XYZ	12.3815, 13.2825, 15.5469
YIQ	101.5480, -4.5390, -0.3390

# Conversions

## Conversions Part 2

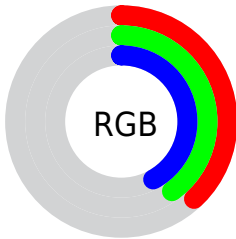
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 101, 106
Decimal	6383466
CIE <sub>Lab</sub>	43.19, -1.65, -2.49
CIE <sub>LCh</sub>	43, 2.985, 236.497
Yxy	13.2825, 0.3004, 0.3223
Android (android.graphics.Color)	4284573546 (0xFF61676A)
YUV	101.5480, 2.1948, -3.9886
Hunter-Lab	36.4452, -3.1371, 0.2195

# Details

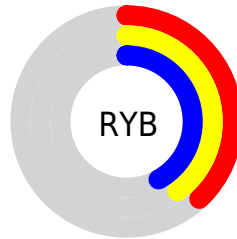
The Hex color **61676A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6A6461**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **949A9D**, and **33383B** is the 20% darker color. If you saturate the color by 10%, you get **56636A**, and if you desaturate by 10%, it is **6C6B6A**.

# Distribution



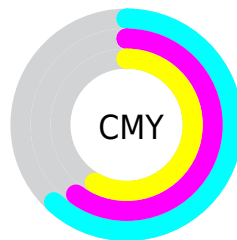
- Red (38%)
- Green (40%)
- Blue (42%)



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



- Cyan (8%)
- Magenta (3%)
- Yellow (0%)
- Black (58%)



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

# Brightness & Saturation Gradients

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





61676A



61676A

FFFFFF



494F52



949A9D



33383B



AEB5B8



1E2325



CAD0D4



040D10



E6EDF0



000000



61676A



61676A



56636A



6C6B6A



4C606A



766E6A



415C6A



81726A

■ 37596A

■ 8B756A

■ 2C556A

■ 96796A

■ 21526A

■ A17C6A

■ 174E6A

■ AB806A

■ 0C4B6A

■ B6836A

■ 02476A

■ C0876A

# Harmonies

## Analogous

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



606768



61676A



63666B

# Triad

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



61676A



6B6466



666762

# Complementary

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



61676A



6A6461

# 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



61676A



6C6464

# Square

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



61676A



696569



6B6562



636763

# Rectangle

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



61676A



65666B



6B6562



676661



# Sweetspot

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



61676A



86888A



616A64



424445



C4C4C4



454545



# Same Dimension

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



61676A



7C858A



61636A



303436



004E75



00A3F5



# Inverse Universe

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



6A6167



8A7C85



6A6961



363034



75004E

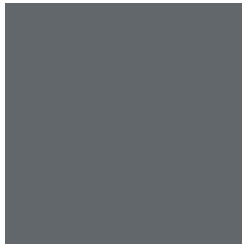


F500A3



# Previews

## White Background



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

## Color Contrast Check

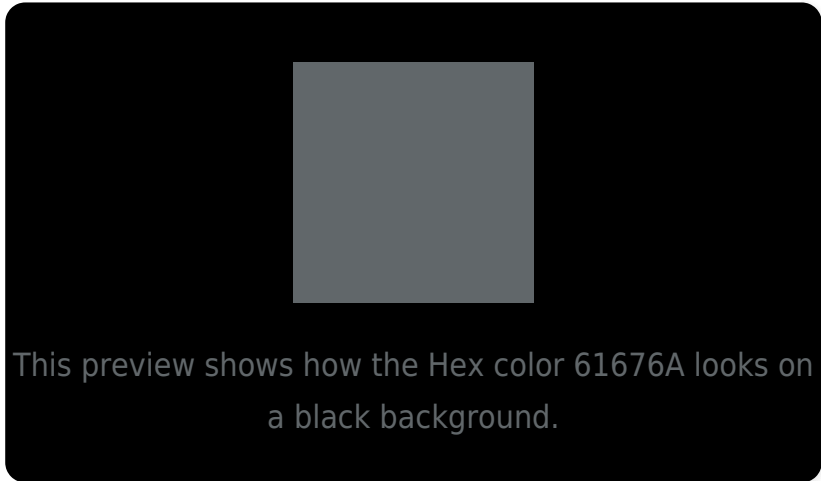
Large Text (above 18pt) WCAG AA ✓ Pass

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

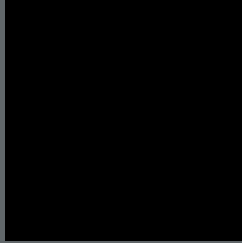
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

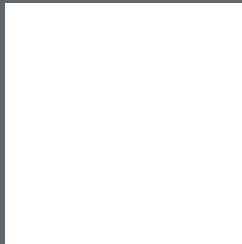
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 61676A Background



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



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

# 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**  
61676A

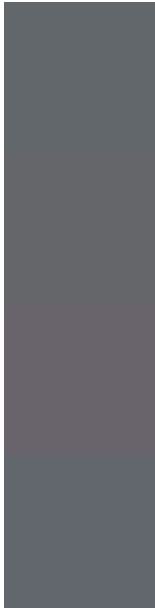
**Protanopia**  
676569

**Deuteranopia**  
6E636B



**Tritanopia**  
62666E

# Trichromacy



**Original Color**  
61676A

**Protanomaly**  
656669

**Deuteranomaly**  
69646B

**Tritanomaly**  
62666D

# Monochromacy



**Original Color**  
61676A

**Achromatopsia**  
666666

**Achromatomaly**  
646667

# CSS Examples

## Text

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

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

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 #61676A colored shadow looks like.

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

## Border

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

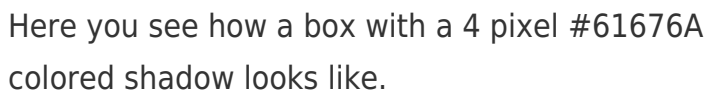
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

# Background

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

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

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

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

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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