

# Converting Colors

Hex(61646F)

Have a look what the booklet for  
Hex(61646F) contains.

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# Color

**Hex(61646F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61646F
RGB	97, 100, 111
RGB Percent	38%, 39%, 44%
CMY	0.6196, 0.6078, 0.5647
CMYK	0.13, 0.10, 0.00, 0.56
HSL	227°, 7%, 41%
HSV	227°, 13%, 44%
XYZ	12.3562, 12.8034, 16.8590
YIQ	100.3570, -5.3190, 2.7850

# Conversions

## Conversions Part 2

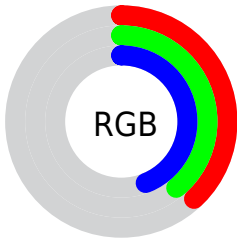
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 99, 111
Decimal	6382703
CIE Lab	42.47, 1.28, -6.59
CIE LCh	42, 6.717, 281.017
Yxy	12.8034, 0.2941, 0.3047
Android (android.graphics.Color)	4284572783 (0xFF61646F)
YUV	100.3570, 5.2470, -2.9441
Hunter-Lab	35.7819, -0.9788, -2.8878

# Details

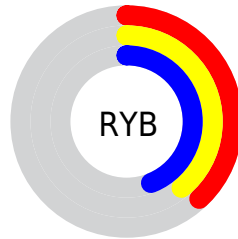
The Hex color **61646F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6F6C61**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **9497A3**, and **33353F** is the 20% darker color. If you saturate the color by 10%, you get **565B6F**, and if you desaturate by 10%, it is **6C6D6F**.

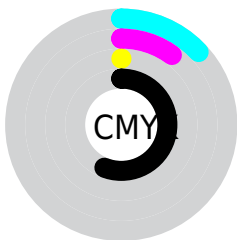
# Distribution



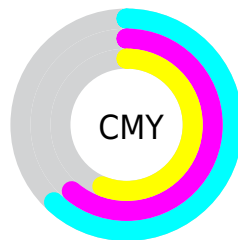
- Red (38%)
- Green (39%)
- Blue (44%)



- Red (38%)
- Yellow (39%)
- Blue (44%)



- Cyan (13%)
- Magenta (10%)
- Yellow (0%)
- Black (56%)



- Cyan (62%)
- Magenta (61%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 61646F 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 61646F by changing the saturation by 10% instead.





61646F



61646F

FFFFFF



494C57



9497A3



33353F



AEB1BE



1D2029



CACDD9



050915



E6E9F6



000000



61646F



61646F



565B6F



6C6D6F



4B536F



77756F



404A6F



827E6F

■ 35416F

■ 8D876F

■ 29386F

■ 99906F

■ 1E306F

■ A4986F

■ 13276F

■ AFA16F

■ 081E6F

■ BAAA6F

■ 00186F

■ C5B26F

# Harmonies

## Analogous

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



5B666F



61646F



68626D

# Triad

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



61646F



70615D



5A6760

# Complementary

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



61646F



6F6C61

# 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.



60665C



61646F



6C635A

# Square

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



61646F



706162



676459



576866

# Rectangle

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



61646F



6C616A



676459



5C675F



# Sweetspot

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



61646F



8C8D91



616F6C



46474A



C9C9C9



4A4A4A



# Same Dimension

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



61646F



7C8091



65616F



323438



001A78



0035F7



# Inverse Universe

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



6F6164



917C80



6B6F61



383234



78001A

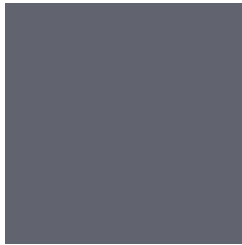


F70035



# Previews

## White Background



This preview shows how the Hex color 61646F looks on a white background.

## Color Contrast Check

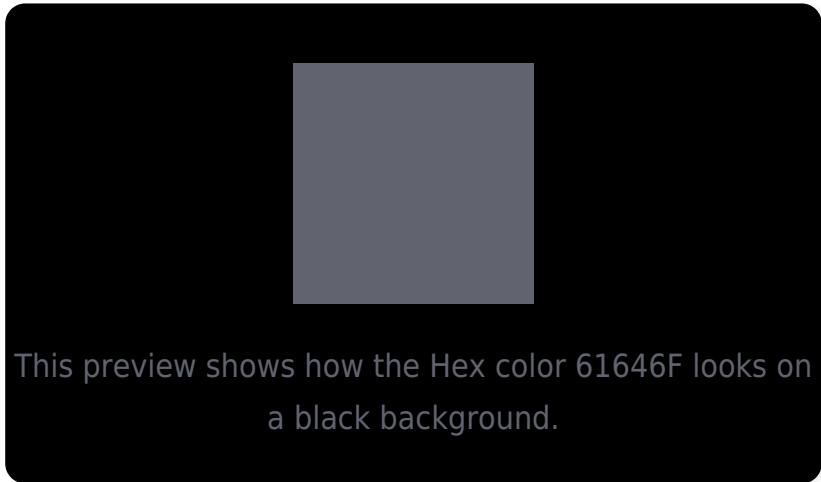
Large Text (above 18pt) WCAG AA ✓ Pass

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

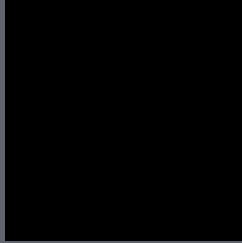
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

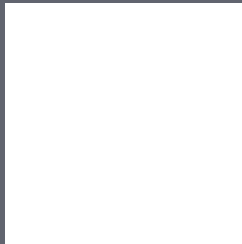
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 61646F Background



This preview shows how black text looks on a background with the Hex color 61646F.



This preview shows how white text looks on a background with the Hex color 61646F.

# 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**  
61646F

**Protanopia**  
63636F

**Deuteranopia**  
696170



**Tritanopia**  
61646C

# Trichromacy



**Original Color**

61646F

**Protanomaly**

62636F

**Deuteranomaly**

666270

**Tritanomaly**

61646D

# Monochromacy



**Original Color**

61646F

**Achromatopsia**

646464

**Achromatomaly**

636468

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 61646F 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 #61646F looks like.

```
.text, #text, p{  
    color:#61646F  
}
```

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 #61646F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61646F
}
```

## Border

The CSS property to change the border of an element to Hex 61646F is called "border". The border property can be set on classes, ids or directly on the HTML element.

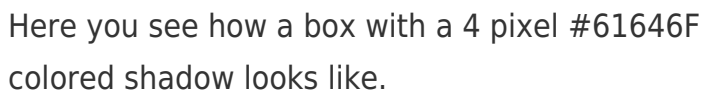
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#61646F }
```

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

```
.border{ border-color:#61646F }
```

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



Here you see how a box with a 4 pixel #61646F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61646F; -webkit-box-shadow:4px 4px  
4px 4px #61646F; box-shadow:4px 4px 4px  
4px #61646F }
```

# Background

The CSS property to change the background color of an element to Hex 61646F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61646F }
```

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

```
.background{ background-color:#61646F }
```

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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