

# Converting Colors

Hex(61686D)

Have a look what the booklet for  
Hex(61686D) contains.

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# Color

**Hex(61686D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61686D
RGB	97, 104, 109
RGB Percent	38%, 41%, 43%
CMY	0.6196, 0.5922, 0.5725
CMYK	0.11, 0.05, 0.00, 0.57
HSL	205°, 6%, 40%
HSV	205°, 11%, 43%
XYZ	12.6404, 13.5461, 16.4164
YIQ	102.4770, -5.7770, 0.0710

# Conversions

## Conversions Part 2

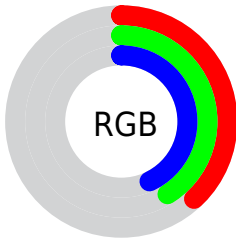
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 101, 109
Decimal	6383725
CIE <sub>Lab</sub>	43.57, -1.57, -3.73
CIE <sub>LCh</sub>	44, 4.049, 247.178
Yxy	13.5461, 0.2967, 0.3180
Android (android.graphics.Color)	4284573805 (0xFF61686D)
YUV	102.4770, 3.2158, -4.8033
Hunter-Lab	36.8051, -3.1046, -0.6820

# Details

The Hex color **61686D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6D6661**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **949BA0**, and **33393E** is the 20% darker color. If you saturate the color by 10%, you get **56636D**, and if you desaturate by 10%, it is **6C6D6D**.

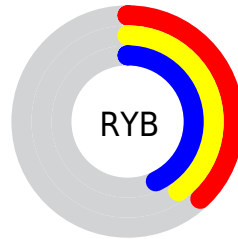
# Distribution



Red (38%)

Green (41%)

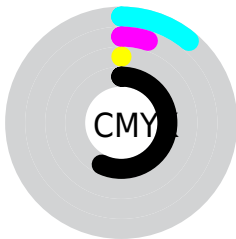
Blue (43%)



Red (38%)

Yellow (40%)

Blue (43%)

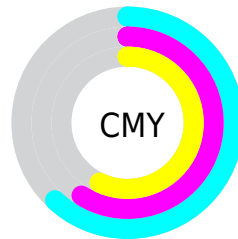


Cyan (11%)

Magenta (5%)

Yellow (0%)

Black (57%)



Cyan (62%)

Magenta (59%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 61686D 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 61686D by changing the saturation by 10% instead.





61686D



61686D

FFFFFF



495055



949BA0



33393E



AEB6BB



1D2428



CAD1D7



050E13



E6EEF4



000000



61686D



61686D



56636D



6C6D6D



4B5F6D



77716D



405A6D



82766D

■ 35566D

■ 8D7A6D

■ 2B516D

■ 987F6D

■ 204D6D

■ A2836D

■ 15486D

■ AD886D

■ 0A446D

■ B88C6D

■ 00406D

■ C3916D

# Harmonies

## Analogous

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



5F696B



61686D



65676E

# Triad

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



61686D



6E6566



656862

# Complementary

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



61686D



6D6661

# 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.



696760



61686D



6E6563

# Square

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



61686D



6C656A



6C6661



626964

# Rectangle

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



61686D



67666D



6C6661



666861



# Sweetspot

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



61686D



8B8D8F



616D66



454647



C7C7C7



474747



# Same Dimension

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



61686D



7C878F



61626D



303336



004475



008FF5



# Inverse Universe

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



6D6168



8F7C87



6D6C61



363033



750044



F5008F



# Previews

## White Background



This preview shows how the Hex color 61686D looks on a white background.

## Color Contrast Check

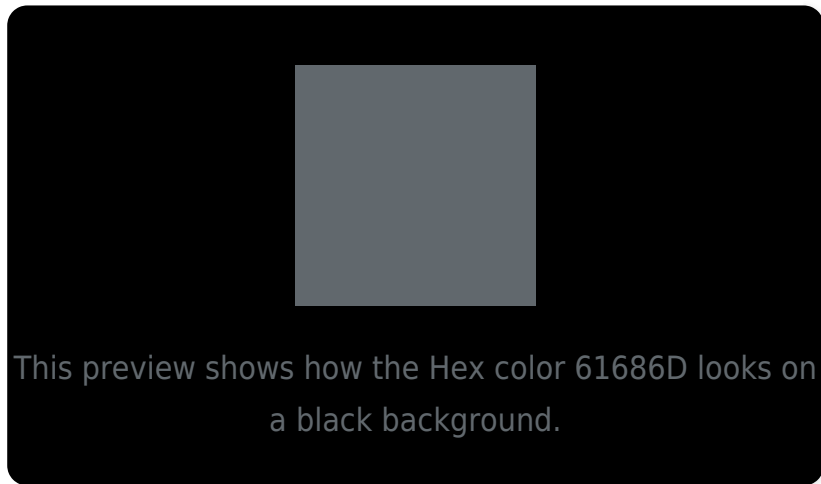
Large Text (above 18pt) WCAG AA ✓ Pass

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

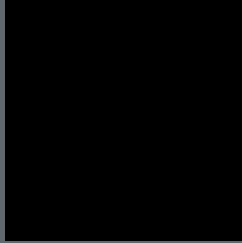
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

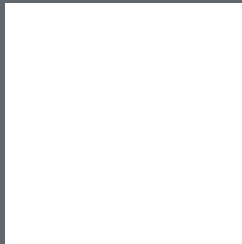
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 61686D Background



This preview shows how black text looks on a background with the Hex color 61686D.



This preview shows how white text looks on a background with the Hex color 61686D.

# 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**  
61686D

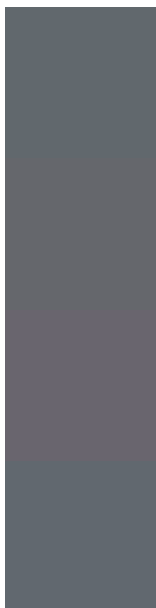
**Protanopia**  
67666C

**Deuteranopia**  
6E646E



**Tritanopia**  
616870

# Trichromacy



**Original Color**

61686D

**Protanomaly**

65676C

**Deuteranomaly**

69656E

**Tritanomaly**

61686F

# Monochromacy



**Original Color**

61686D

**Achromatopsia**

666666

**Achromatomaly**

646769

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 61686D 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 #61686D looks like.

```
.text, #text, p{  
    color:#61686D  
}
```

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 #61686D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61686D
}
```

## Border

The CSS property to change the border of an element to Hex 61686D is called "border". The border property can be set on classes, ids or directly on the HTML element.

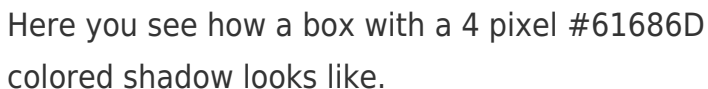
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#61686D }
```

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

```
.border{ border-color:#61686D }
```

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



Here you see how a box with a 4 pixel #61686D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61686D; -webkit-box-shadow:4px 4px  
4px 4px #61686D; box-shadow:4px 4px 4px  
4px #61686D }
```

# Background

The CSS property to change the background color of an element to Hex 61686D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61686D }
```

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

```
.background{ background-color:#61686D }
```

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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