

# Converting Colors

Hex(61647D)

Have a look what the booklet for  
Hex(61647D) contains.

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# Color

**Hex(61647D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61647D
RGB	97, 100, 125
RGB Percent	38%, 39%, 49%
CMY	0.6196, 0.6078, 0.5098
CMYK	0.22, 0.20, 0.00, 0.51
HSL	234°, 13%, 44%
HSV	234°, 22%, 49%
XYZ	13.1886, 13.1364, 21.2425
YIQ	101.9530, -9.8130, 7.1390

# Conversions

## Conversions Part 2

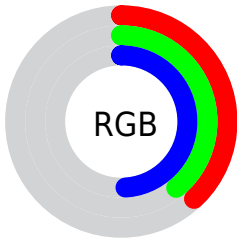
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 100, 125
Decimal	6382717
CIE <sub>Lab</sub>	42.97, 4.68, -14.33
CIE <sub>LCh</sub>	43, 15.073, 288.099
Yxy	13.1364, 0.2773, 0.2762
Android (android.graphics.Color)	4284572797 (0xFF61647D)
YUV	101.9530, 11.3622, -4.3438
Hunter-Lab	36.2442, 1.5257, -9.3786

# Details

The Hex color **61647D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7D7A61**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **9497B2**, and **32364C** is the 20% darker color. If you saturate the color by 10%, you get **54597D**, and if you desaturate by 10%, it is **6E6F7D**.

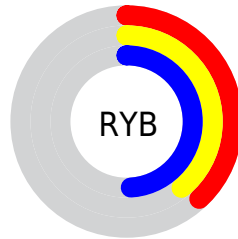
# Distribution



Red (38%)

Green (39%)

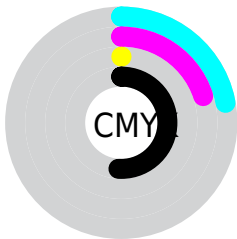
Blue (49%)



Red (38%)

Yellow (39%)

Blue (49%)

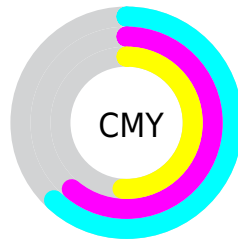


Cyan (22%)

Magenta (20%)

Yellow (0%)

Black (51%)



Cyan (62%)

Magenta (61%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 61647D 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 61647D by changing the saturation by 10% instead.



■ 61647D

■ 61647D

FFFFFF

■ 494C64

■ 9497B2

■ 32364C

■ AFB1CD

■ 1C2035

■ CACDE9

■ 060920

■ E6E9FF

■ 000005

■ 000000

■ 61647D

■ 61647D

■ 54597D

■ 6E6F7D

■ 484E7D

■ 7A7A7D

■ 3B437D

■ 87857D

■ 2F377D

■ 93917D

■ 222C7D

■ A09C7D

■ 16217D

■ ACA77D

■ 09167D

■ B9B27D

■ 000D7D

■ C5BD7D

■ D2C87D

# Harmonies

## Analogous

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



50687E



61647D



716076

# Triad

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



61647D



7C5F53



4B6C60

# Complementary

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



61647D



7D7A61

# 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.



596A55



61647D



74634D

# Square

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



61647D



7F5D5E



67674E



436D6D

# Rectangle

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



61647D



785E6F



67674E



506C5C



# Sweetspot

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



61647D



9899A3



617D7A



4B4C52



D1D1D1



525252



# Same Dimension

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



61647D



777CA3



6C617D



393A40



000E80



000000



# Inverse Universe

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



7D6164



A3777C



727D61



40393A



80000E



000000



# Previews

## White Background



This preview shows how the Hex color 61647D looks on a white background.

## Color Contrast Check

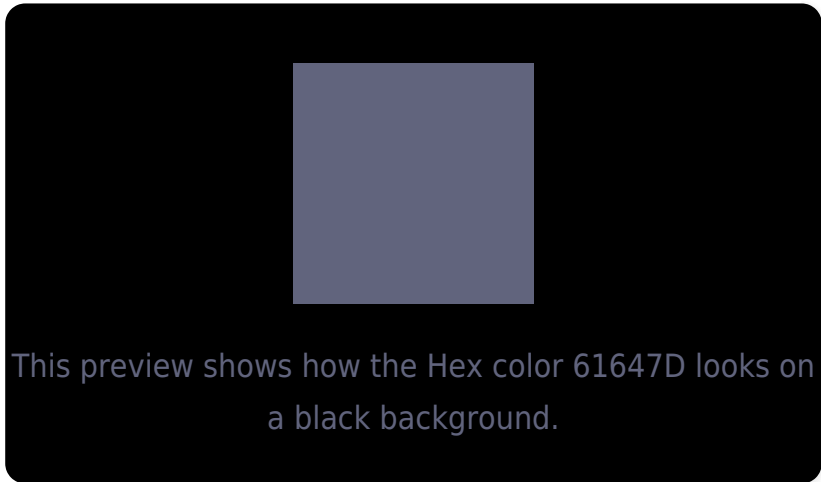
Large Text (above 18pt) WCAG AA ✓ Pass

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

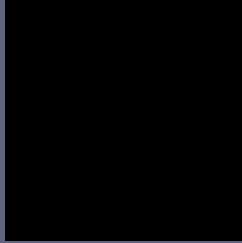
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 61647D Background



This preview shows how black text looks on a background with the Hex color 61647D.



This preview shows how white text looks on a background with the Hex color 61647D.

# 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](#).

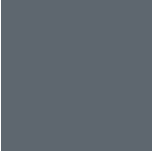
## Dichromacy



**Original Color**  
61647D

**Protanopia**  
60647D

**Deuteranopia**  
63637D



**Tritanopia**  
5E676F

# Trichromacy



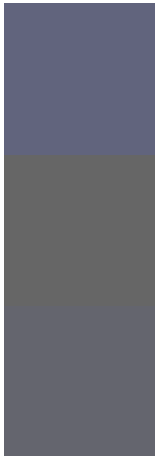
**Original Color**  
61647D

**Protanomaly**  
60647D

**Deuteranomaly**  
62637D

**Tritanomaly**  
5F6674

# Monochromacy



**Original Color**  
61647D

**Achromatopsia**  
666666

**Achromatomaly**  
64656E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 61647D 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 #61647D looks like.

```
.text, #text, p{  
    color:#61647D  
}
```

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 #61647D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61647D
}
```

## Border

The CSS property to change the border of an element to Hex 61647D 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
#61647D }
```

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

```
.border{ border-color:#61647D }
```

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

Here you see how a box with a 4 pixel #61647D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61647D; -webkit-box-shadow:4px 4px  
4px 4px #61647D; box-shadow:4px 4px 4px  
4px #61647D }
```

# Background

The CSS property to change the background color of an element to Hex 61647D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61647D }
```

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

```
.background{ background-color:#61647D }
```

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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