

# Converting Colors

Hex(647064)

Have a look what the booklet for  
Hex(647064) contains.

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# Color

**Hex(647064)**

# Conversions

## Conversions Part 1

Format	Color
Hex	647064
RGB	100, 112, 100
RGB Percent	39%, 44%, 39%
CMY	0.6078, 0.5608, 0.6078
CMYK	0.11, 0.00, 0.11, 0.56
HSL	120°, 6%, 42%
HSV	120°, 11%, 44%
XYZ	13.3500, 15.2178, 14.2903
YIQ	107.0440, -3.3000, -6.2760

# Conversions

## Conversions Part 2

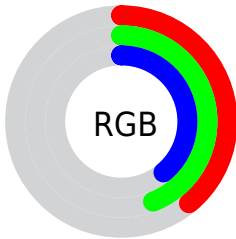
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	100, 112, 112
Decimal	6582372
CIE Lab	45.93, -7.04, 5.14
CIE LCh	46, 8.714, 143.860
Yxy	15.2178, 0.3115, 0.3551
Android (android.graphics.Color)	4284772452 (0xFF647064)
YUV	107.0440, -3.4727, -6.1776
Hunter-Lab	39.0100, -7.1813, 5.5876

# Details

The Hex color **647064** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **706470**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **97A497**, and **354035** is the 20% darker color. If you saturate the color by 10%, you get **597059**, and if you desaturate by 10%, it is **6F706F**.

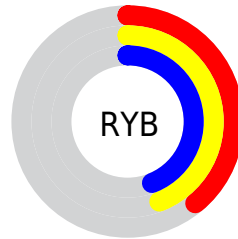
# Distribution



Red (39%)

Green (44%)

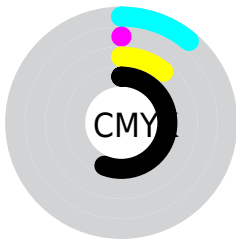
Blue (39%)



Red (39%)

Yellow (44%)

Blue (44%)

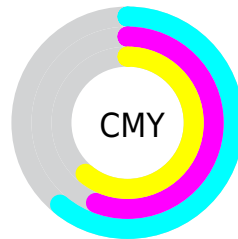


Cyan (11%)

Magenta (0%)

Yellow (11%)

Black (56%)



Cyan (61%)

Magenta (56%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 647064 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 647064 by changing the saturation by 10% instead.



647064

647064

FFFFFF

4C584C

97A497

354035

B2BFB1

202A20

CDDBCD

091609

E9F7E9

000000

647064

647064

597059

6F706F

4E704E

7A707A

427042

867086

■ 377037

■ 917091

■ 2C702C

■ 9C709C

■ 217021

■ A770A7

■ 167016

■ B270B2

■ 0A700A

■ BE70BE

■ 007000

■ C970C9

# Harmonies

## Analogous

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



6C6E5F



647064



5D716B

# Triad

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



647064



636E7B



7D6867

# Complementary

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



647064



706470

# 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.



7B686F



647064



6C6B7A

# Square

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



647064



5C7078



756975



7A6961

# Rectangle

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



647064



5B7170



756975



7C686A



# Sweetspot

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



647064



8D918D



707064



474A47



C9C9C9



4A4A4A



# Same Dimension

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



647064



7E917E



64706A



323832



007800



00F700



# Inverse Universe

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



706470



917E91



70646A



383238



780078



F700F7



# Previews

## White Background



This preview shows how the Hex color 647064 looks on a white background.

## Color Contrast Check

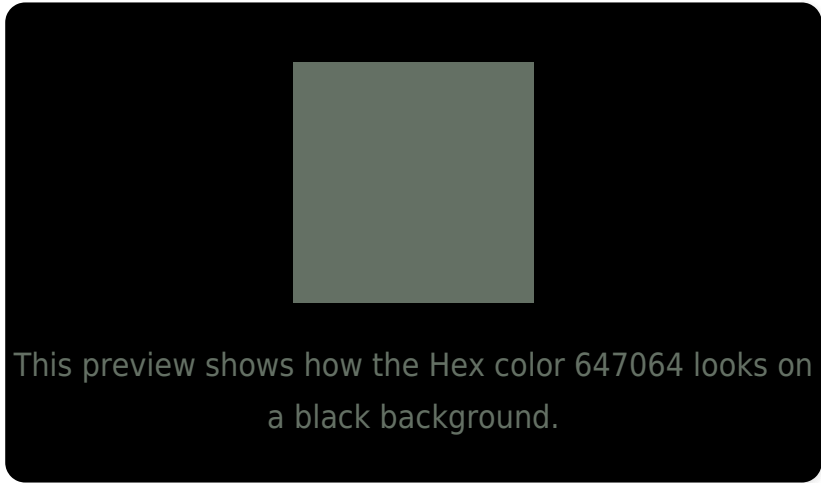
Large Text (above 18pt) WCAG AA ✓ Pass

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

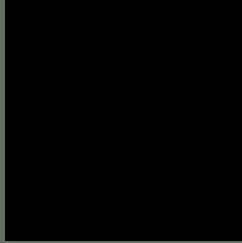
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

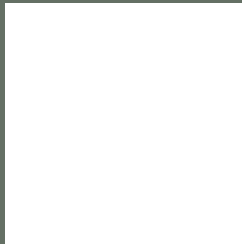
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 647064 Background



This preview shows how black text looks on a background with the Hex color 647064.



This preview shows how white text looks on a background with the Hex color 647064.

# 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**


647064

**Protanopia**

716C62

**Deuteranopia**

7A6965



**Tritanopia**  
676D76

# Trichromacy



**Original Color**  
647064

**Protanomaly**  
6C6D63

**Deuteranomaly**  
726C65

**Tritanomaly**  
666E6F

# Monochromacy



**Original Color**  
647064

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
686D68

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 647064 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 #647064 looks like.

```
.text, #text, p{  
    color:#647064  
}
```

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 #647064 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #647064
}
```

## Border

The CSS property to change the border of an element to Hex 647064 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
#647064 }
```

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

```
.border{ border-color:#647064 }
```

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

Here you see how a box with a 4 pixel #647064 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #647064; -webkit-box-shadow:4px 4px  
4px 4px #647064; box-shadow:4px 4px 4px  
4px #647064 }
```

# Background

The CSS property to change the background color of an element to Hex 647064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#647064 }
```

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

```
.background{ background-color:#647064 }
```

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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