

# Converting Colors

Hex(647269)

Have a look what the booklet for  
Hex(647269) contains.

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# Color

**Hex(647269)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	647269
RGB	100, 114, 105
RGB Percent	39%, 45%, 41%
CMY	0.6078, 0.5529, 0.5882
CMYK	0.12, 0.00, 0.08, 0.55
HSL	141°, 7%, 42%
HSV	141°, 12%, 45%
XYZ	13.8226, 15.7639, 15.6788
YIQ	108.7880, -5.4550, -5.7670

# Conversions

## Conversions Part 2

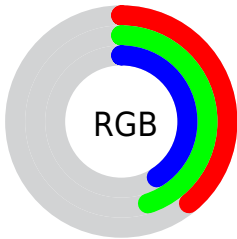
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	100, 110, 114
Decimal	6582889
CIE <sub>Lab</sub>	46.66, -7.16, 3.21
CIE <sub>LCh</sub>	47, 7.848, 155.849
Yxy	15.7639, 0.3054, 0.3483
Android (android.graphics.Color)	4284772969 (0xFF647269)
YUV	108.7880, -1.8675, -7.7071
Hunter-Lab	39.7037, -7.3377, 4.3793

# Details

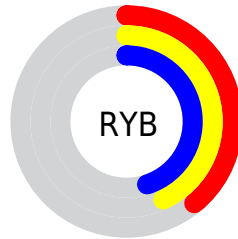
The Hex color **647269** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **72646D**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **97A69C**, and **35423A** is the 20% darker color. If you saturate the color by 10%, you get **597262**, and if you desaturate by 10%, it is **6F7270**.

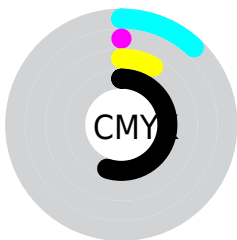
# Distribution



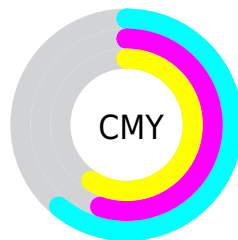
- Red (39%)
- Green (45%)
- Blue (41%)



- Red (39%)
- Yellow (43%)
- Blue (45%)



- Cyan (12%)
- Magenta (0%)
- Yellow (8%)
- Black (55%)



- Cyan (61%)
- Magenta (55%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 647269 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 647269 by changing the saturation by 10% instead.



■ 647269

■ 647269

FFFFFF

■ 4C5951

■ 97A69C

■ 35423A

■ B2C1B7

■ 202C24

■ CDDDD3

■ 09180F

■ E9F9EF

■ 000000

■ 647269

■ 647269

■ 597262

■ 6F7270

■ 4D725A

■ 7B7278

■ 427253

■ 86727F

■ 36724C

■ 927286

■ 2B7244

■ 9D728E

■ 20723D

■ A87295

■ 147236

■ B4729C

■ 09722E

■ BF72A4

■ 007229

■ CB72AB

# Harmonies

## Analogous

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



6B7164



647269



5F7370

# Triad

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



647269



696F7C



7C6B67

# Complementary

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



647269



72646D

# 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.



7C6A6D



647269



726D79

# Square

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



647269



62717A



786B74



796C63

# Rectangle

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



647269



5E7274



786B74



7D6A69



# Sweetspot

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



647269



8E9490



6D7264



464A48



C9C9C9



4A4A4A



# Same Dimension

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



647269



7E9486



647270



323834



00782B



00F758



# Inverse Universe

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



72646D



947E8C



726466



383236



78004D

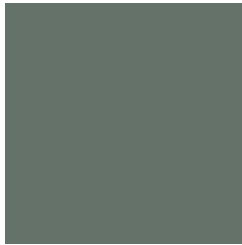


F7009F



# Previews

## White Background



This preview shows how the Hex color 647269 looks on a white background.

## Color Contrast Check

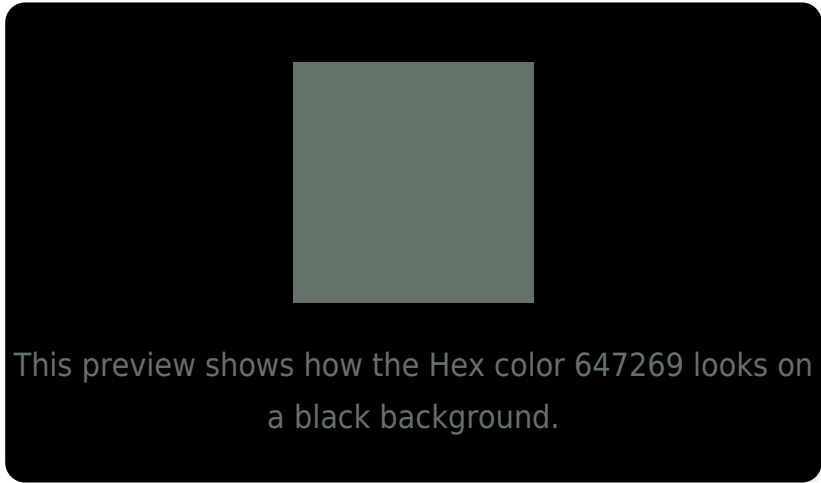
Large Text (above 18pt) WCAG AA ✓ Pass

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

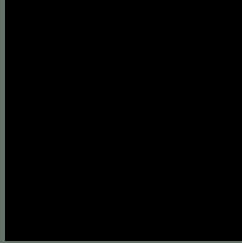
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 647269 Background



This preview shows how black text looks on a background with the Hex color 647269.



This preview shows how white text looks on a background with the Hex color 647269.

# 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**

647269

**Protanopia**

726E67

**Deuteranopia**

7B6B6A



**Tritanopia**  
677079

# Trichromacy



**Original Color**  
647269

**Protanomaly**  
6D6F68

**Deuteranomaly**  
736E6A

**Tritanomaly**  
667173

# Monochromacy



**Original Color**  
647269

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
6A6F6C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 647269 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 #647269 looks like.

```
.text, #text, p{  
    color:#647269  
}
```

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 #647269 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #647269
}
```

## Border

The CSS property to change the border of an element to Hex 647269 is called "border". The border property can be set on classes, ids or directly on the HTML element.

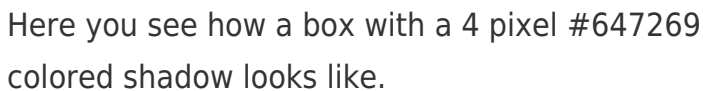
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#647269 }
```

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

```
.border{ border-color:#647269 }
```

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



Here you see how a box with a 4 pixel #647269 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #647269; -webkit-box-shadow:4px 4px  
4px 4px #647269; box-shadow:4px 4px 4px  
4px #647269 }
```

# Background

The CSS property to change the background color of an element to Hex 647269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#647269 }
```

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

```
.background{ background-color:#647269 }
```

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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