

Converting Colors

Hex(647569)

Have a look what the booklet for
Hex(647569) contains.

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Color

Hex(647569)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 647569 |
| RGB | 100, 117, 105 |
| RGB Percent | 39%, 46%, 41% |
| CMY | 0.6078, 0.5412, 0.5882 |
| CMYK | 0.15, 0.00, 0.10, 0.54 |
| HSL | 138°, 8%, 43% |
| HSV | 138°, 15%, 46% |
| XYZ | 14.1666, 16.4518, 15.7935 |
| YIQ | 110.5490, -6.2800, -7.3360 |

Conversions

Conversions Part 2

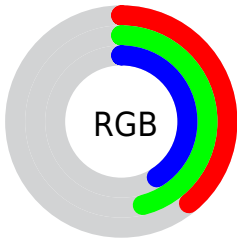
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 100, 113, 117 |
| Decimal | 6583657 |
| CIE _{Lab} | 47.56, -8.87, 4.51 |
| CIE _{LCh} | 48, 9.950, 153.076 |
| Yxy | 16.4518, 0.3052, 0.3545 |
| Android (android.graphics.Color) | 4284773737 (0xFF647569) |
| YUV | 110.5490, -2.7357, -9.2515 |
| Hunter-Lab | 40.5609, -8.6371, 5.3064 |

Details

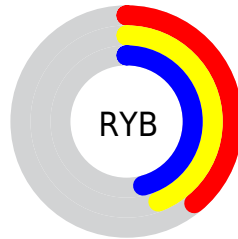
The Hex color **647569** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **756470**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **97A99C**, and **35453A** is the 20% darker color. If you saturate the color by 10%, you get **587561**, and if you desaturate by 10%, it is **707571**.

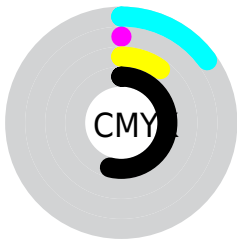
Distribution



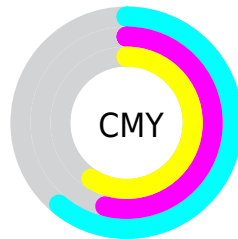
- Red (39%)
- Green (46%)
- Blue (41%)



- Red (39%)
- Yellow (44%)
- Blue (46%)



- Cyan (15%)
- Magenta (0%)
- Yellow (10%)
- Black (54%)



- Cyan (61%)
- Magenta (54%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 647569 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 647569 by changing the saturation by 10% instead.

647569

647569

FFFFFF

4C5C51

97A99C

35453A

B2C4B7

202E24

CDE0D3

0A1A0F

E9FDEF

000000

647569

647569

587561

707571

4D7558

7B757A

417550

877582

 357548


 93758A

 2A7540

 9F7592

 1E7537

 AA759B

 12752F

 B675A3

 067527

 C275AB

 007522

 CD75B3

Harmonies

Analogous

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



6D7363



647569



5D7671

Triad

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



647569



697181



826C68

Complementary

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



647569



756470

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.



826B70



647569



746E7F

Square

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



647569



60747F



7D6C79



7E6E62

Rectangle

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



647569



5B7677



7D6C79



836B6B

Sweetspot

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



647569



939995



707564



494D4A



CCCCCC



4D4D4D

Same Dimension

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



647569



7F9987



647571



353B37



007A24



00FA49

Inverse Universe

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



756470



997F91



756468



3B3539



7A0056



FA00B0

Previews

White Background



This preview shows how the Hex color 647569 looks on a white background.

Color Contrast Check

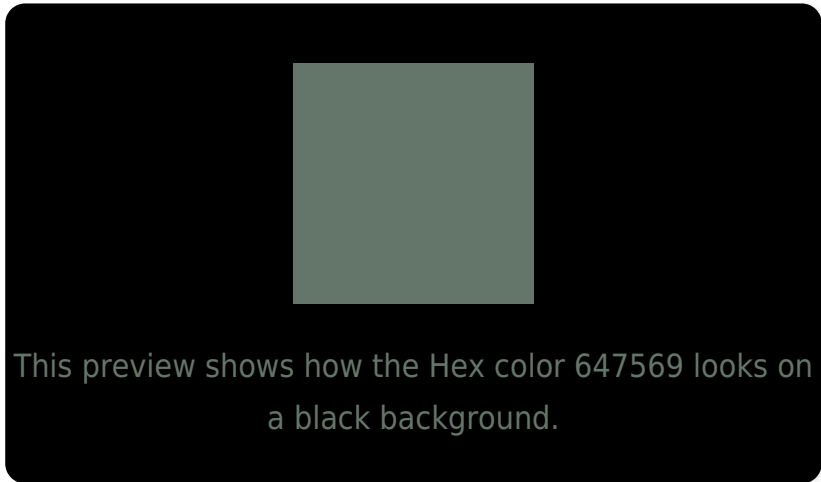
Large Text (above 18pt) WCAG AA ✓ Pass

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

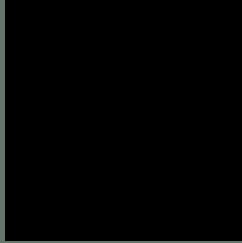
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

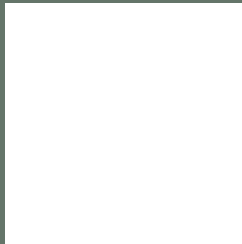
Any Text WCAG AAA × Fail

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

Hex 647569 Background



This preview shows how black text looks on a background with the Hex color 647569.

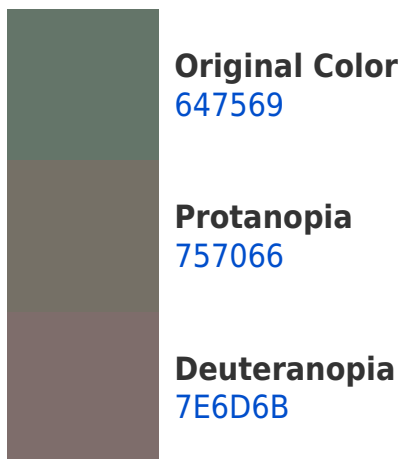


This preview shows how white text looks on a background with the Hex color 647569.

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





Tritanopia
67727B

Trichromacy



Original Color
647569

Protanomaly
6F7267

Deuteranomaly
75706A

Tritanomaly
667374

Monochromacy



Original Color
647569

Achromatopsia
6F6F6F

Achromatomaly
6B716D

CSS Examples

Text

The CSS property to change the color of the text to Hex 647569 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 #647569 looks like.

```
.text, #text, p{  
    color:#647569  
}
```

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 #647569 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #647569
}
```

Border

The CSS property to change the border of an element to Hex 647569 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
#647569 }
```

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

```
.border{ border-color:#647569 }
```

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

Here you see how a box with a 4 pixel #647569 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #647569; -webkit-box-shadow:4px 4px  
4px 4px #647569; box-shadow:4px 4px 4px  
4px #647569 }
```

Background

The CSS property to change the background color of an element to Hex 647569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#647569 }
```

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

```
.background{ background-color:#647569 }
```

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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