

Converting Colors

Hex(647868)

Have a look what the booklet for
Hex(647868) contains.

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Color

Hex(647868)

Conversions

Conversions Part 1

Format	Color
Hex	647868
RGB	100, 120, 104
RGB Percent	39%, 47%, 41%
CMY	0.6078, 0.5294, 0.5922
CMYK	0.17, 0.00, 0.13, 0.53
HSL	132°, 9%, 43%
HSV	132°, 17%, 47%
XYZ	14.4707, 17.1417, 15.6427
YIQ	112.1960, -6.7840, -9.2160

Conversions

Conversions Part 2

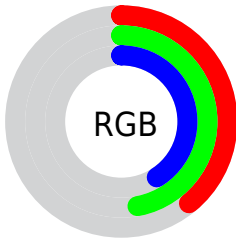
Format	Color
R_{YB}	100, 117, 120
Decimal	6584424
CIE Lab	48.44, -10.77, 6.35
CIE LCh	48, 12.500, 149.459
Yxy	17.1417, 0.3062, 0.3627
Android (android.graphics.Color)	4284774504 (0xFF647868)
YUV	112.1960, -4.0406, -10.6959
Hunter-Lab	41.4026, -10.0667, 6.5809

Details

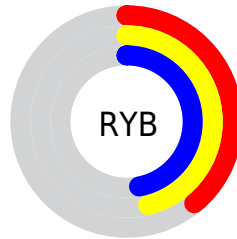
The Hex color **647868** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **786474**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **97AC9B**, and **354739** is the 20% darker color. If you saturate the color by 10%, you get **58785E**, and if you desaturate by 10%, it is **707872**.

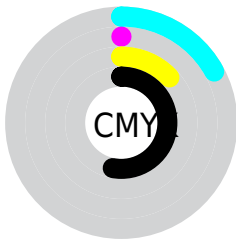
Distribution



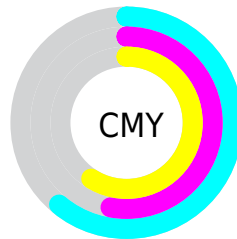
- Red (39%)
- Green (47%)
- Blue (41%)



- Red (39%)
- Yellow (46%)
- Blue (47%)



- Cyan (17%)
- Magenta (0%)
- Yellow (13%)
- Black (53%)



- Cyan (61%)
- Magenta (53%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 647868 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 647868 by changing the saturation by 10% instead.

 647868

 647868

FFFFFF

 4C5F50

 97AC9B

 354739

 B2C8B6

 1F3123

 CDE4D2

 0A1C0E

 EAFEE

 000000

 647868

 647868

 58785E

 707872

 4C7855

 7C787B

 40784B

 887885

■ 347842

■ 94788E

■ 287838

■ A07898

■ 1C782E

■ AC78A2

■ 107825

■ B878AB

■ 04781B

■ C478B5

■ 007818

■ D078BE

Harmonies

Analogous

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



707661



647868



5B7972

Triad

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



647868



677488



896C69

Complementary

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



647868



786474

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.



886C74



647868



757085

Square

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



647868



5C7785



816D7E



856F61

Rectangle

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



647868



57797A



816D7E



896C6C

Sweetspot

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



647868



949C95



747864



4A4F4B



CFCFCF



4F4F4F

Same Dimension

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



647868



7C9C83



647872



373D38



007D19



00FC32

Inverse Universe

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



786474



9C7C95



78646A



3D373C



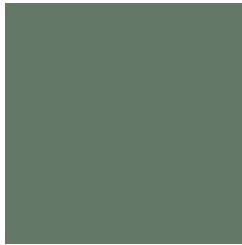
7D0064



FC00CA

Previews

White Background



This preview shows how the Hex color 647868 looks on a white background.

Color Contrast Check

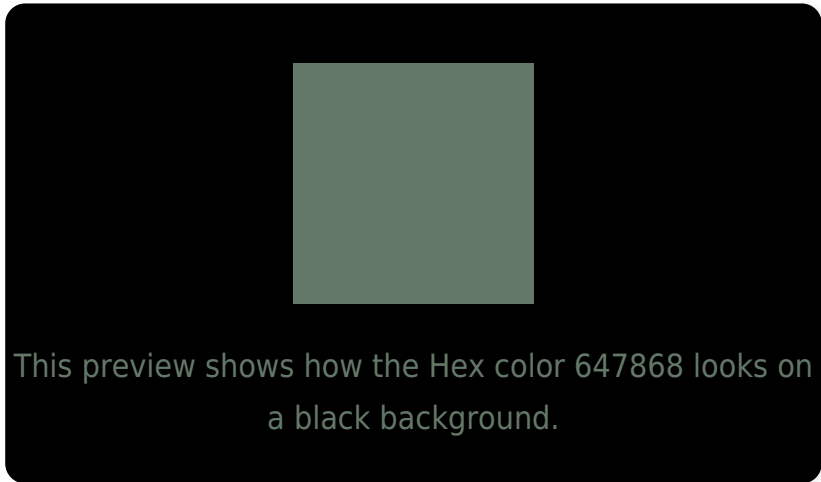
Large Text (above 18pt) WCAG AA ✓ Pass

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

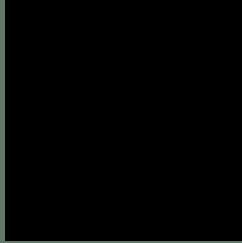
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

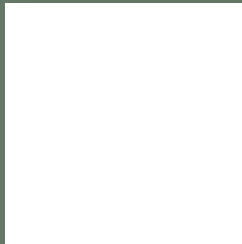
Any Text WCAG AAA × Fail

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

Hex 647868 Background



This preview shows how black text looks on a background with the Hex color 647868.

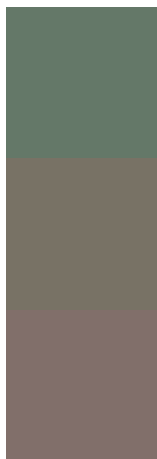


This preview shows how white text looks on a background with the Hex color 647868.

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
647868

Protanopia
787265

Deuteranopia
816F6A



Tritanopia
68757E

Trichromacy



Original Color
647868

Protanomaly
717466

Deuteranomaly
767269

Tritanomaly
677676

Monochromacy



Original Color
647868

Achromatopsia
707070

Achromatomaly
6C736D

CSS Examples

Text

The CSS property to change the color of the text to Hex 647868 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 #647868 looks like.

```
.text, #text, p{  
    color:#647868  
}
```

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 #647868 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #647868
}
```

Border

The CSS property to change the border of an element to Hex 647868 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
#647868 }
```

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

```
.border{ border-color:#647868 }
```

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

Here you see how a box with a 4 pixel #647868 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #647868; -webkit-box-shadow:4px 4px  
4px 4px #647868; box-shadow:4px 4px 4px  
4px #647868 }
```

Background

The CSS property to change the background color of an element to Hex 647868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#647868 }
```

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

```
.background{ background-color:#647868 }
```

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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