

Converting Colors

Hex(647A6C)

Have a look what the booklet for
Hex(647A6C) contains.

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Color

Hex(647A6C)

Conversions

Conversions Part 1

Format	Color
Hex	647A6C
RGB	100, 122, 108
RGB Percent	39%, 48%, 42%
CMY	0.6078, 0.5216, 0.5765
CMYK	0.18, 0.00, 0.11, 0.52
HSL	142°, 10%, 44%
HSV	142°, 18%, 48%
XYZ	14.9218, 17.7111, 16.8195
YIQ	113.8260, -8.6180, -9.0180

Conversions

Conversions Part 2

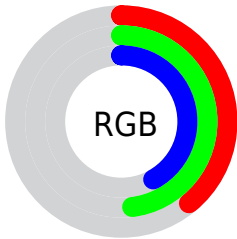
Format	Color
R_{YB}	100, 116, 122
Decimal	6584940
CIE Lab	49.14, -11.06, 5.01
CIE LCh	49, 12.141, 155.653
Yxy	17.7111, 0.3017, 0.3581
Android (android.graphics.Color)	4284775020 (0xFF647A6C)
YUV	113.8260, -2.8722, -12.1254
Hunter-Lab	42.0846, -10.3576, 5.7634

Details

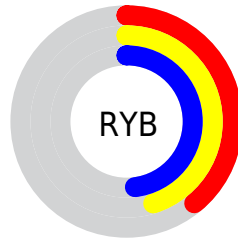
The Hex color **647A6C** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7A6472**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **97AE9F**, and **35493D** is the 20% darker color. If you saturate the color by 10%, you get **587A64**, and if you desaturate by 10%, it is **707A74**.

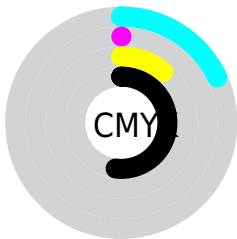
Distribution



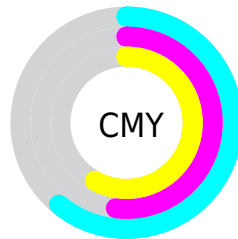
- Red (39%)
- Green (48%)
- Blue (42%)



- Red (39%)
- Yellow (45%)
- Blue (48%)



- Cyan (18%)
- Magenta (0%)
- Yellow (11%)
- Black (52%)



- Cyan (61%)
- Magenta (52%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 647A6C 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 647A6C by changing the saturation by 10% instead.

647A6C

647A6C

FFFFFF

4C6154

97AE9F

35493D

B2CABA

1F3327

CDE6D6

0A1E12

EAFFF2

000000

647A6C

647A6C

587A64

707A74

4C7A5C

7C7A7C

3F7A55

897A83

■ 337A4D

■ 957A8B

■ 277A45

■ A17A93

■ 1B7A3D

■ AD7A9B

■ 0F7A36

■ B97AA2

■ 027A2E

■ C67AAA

■ 007A2C

■ D27AB2

Harmonies

Analogous

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



6F7864



647A6C



5C7B76

Triad

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



647A6C



6C7589



8A6F69

Complementary

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



647A6C



7A6472

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.



8A6E73



647A6C



797285

Square

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



647A6C



607887



846F7D



847162

Rectangle

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



647A6C



5A7B7D



846F7D



8B6E6C

Sweetspot

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



647A6C



969E99



727A64



4A4F4C



CFCFCF



4F4F4F

Same Dimension

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



647A6C



7B9E88



647A77



373D39



007D2D



00FC5C

Inverse Universe

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



7A6472



9E7B91



7A6467



3D373B



7D0050



FC00A1

Previews

White Background



This preview shows how the Hex color 647A6C looks on a white background.

Color Contrast Check

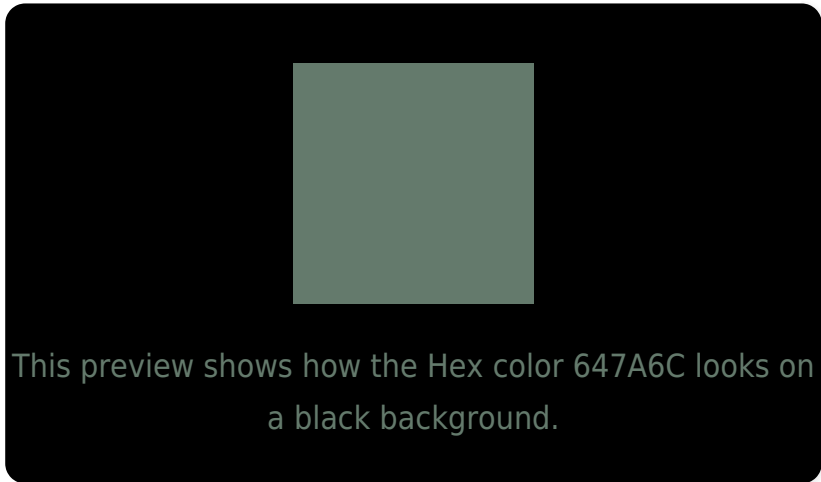
Large Text (above 18pt) WCAG AA ✓ Pass

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

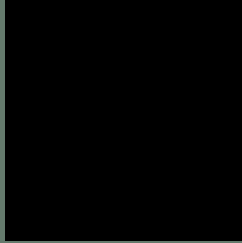
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

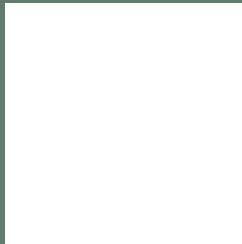
Any Text WCAG AAA × Fail

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

Hex 647A6C Background



This preview shows how black text looks on a background with the Hex color 647A6C.

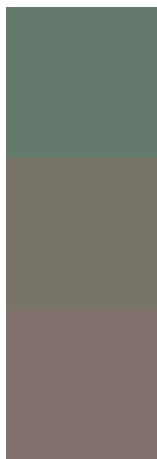


This preview shows how white text looks on a background with the Hex color 647A6C.

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
647A6C

Protanopia
797469

Deuteranopia
82716E



Tritanopia
687781

Trichromacy



Original Color
647A6C

Protanomaly
71766A

Deuteranomaly
77746D

Tritanomaly
677879

Monochromacy



Original Color
647A6C

Achromatopsia
727272

Achromatomaly
6D7570

CSS Examples

Text

The CSS property to change the color of the text to Hex 647A6C 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 #647A6C looks like.

```
.text, #text, p{  
    color:#647A6C  
}
```

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 #647A6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #647A6C
}
```

Border

The CSS property to change the border of an element to Hex 647A6C 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
#647A6C }
```

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

```
.border{ border-color:#647A6C }
```

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

Here you see how a box with a 4 pixel #647A6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #647A6C; -webkit-box-shadow:4px 4px  
4px 4px #647A6C; box-shadow:4px 4px 4px  
4px #647A6C }
```

Background

The CSS property to change the background color of an element to Hex 647A6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#647A6C }
```

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

```
.background{ background-color:#647A6C }
```

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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