

Converting Colors

Hex(647A6F)

Have a look what the booklet for
Hex(647A6F) contains.

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Color

Hex(647A6F)

Conversions

Conversions Part 1

Format	Color
Hex	647A6F
RGB	100, 122, 111
RGB Percent	39%, 48%, 44%
CMY	0.6078, 0.5216, 0.5647
CMYK	0.18, 0.00, 0.09, 0.52
HSL	150°, 10%, 44%
HSV	150°, 18%, 48%
XYZ	15.0843, 17.7761, 17.6750
YIQ	114.1680, -9.5810, -8.0850

Conversions

Conversions Part 2

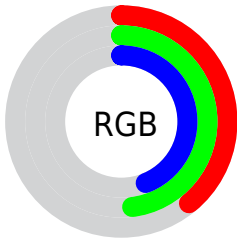
Format	Color
R_{YB}	100, 115, 122
Decimal	6584943
CIE _{Lab}	49.22, -10.43, 3.35
CIE _{LCh}	49, 10.954, 162.177
Yxy	17.7761, 0.2985, 0.3518
Android (android.graphics.Color)	4284775023 (0xFF647A6F)
YUV	114.1680, -1.5618, -12.4253
Hunter-Lab	42.1617, -9.9205, 4.6576

Details

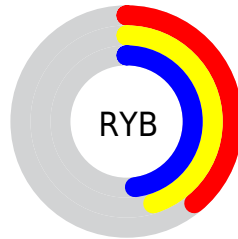
The Hex color **647A6F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7A646F**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **97AEA3**, and **35493F** is the 20% darker color. If you saturate the color by 10%, you get **587A69**, and if you desaturate by 10%, it is **707A75**.

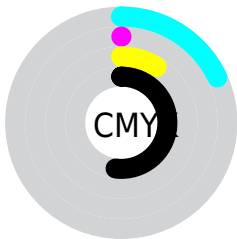
Distribution



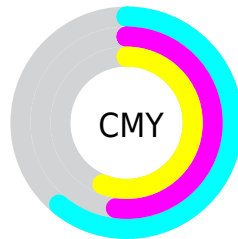
- Red (39%)
- Green (48%)
- Blue (44%)



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



- Cyan (18%)
- Magenta (0%)
- Yellow (9%)
- Black (52%)



- Cyan (61%)
- Magenta (52%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 647A6F 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 647A6F by changing the saturation by 10% instead.

■ 647A6F

■ 647A6F

FFFFFF

■ 4C6157

■ 97AEA3

■ 35493F

■ B2CABE

■ 1F3329

■ CDE6D9

■ 0A1E15

■ EAFFF6

■ 000000

■ 647A6F

■ 647A6F

■ 587A69

■ 707A75

■ 4C7A63

■ 7C7A7B

■ 3F7A5D

■ 897A81

■ 337A57

■ 957A87

■ 277A51

■ A17A8E

■ 1B7A4A

■ AD7A94

■ 0F7A44

■ B97A9A

■ 027A3E

■ C67AA0

■ 007A3D

■ D27AA6

Harmonies

Analogous

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



6E7867



647A6F



5E7A79

Triad

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



647A6F



707487



887069

Complementary

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



647A6F



7A646F

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.



896F71



647A6F



7B7183

Square

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



647A6F



657786



846F7B



827264

Rectangle

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



647A6F



5D7A7E



846F7B



886F6B

Sweetspot

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



647A6F



969E9A



6F7A64



4A4F4D



CFCFCF



4F4F4F

Same Dimension

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



647A6F



7B9E8D



647A7A



373D3A



007D3E



00FC7E

Inverse Universe

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



7A646F



9E7B8D



7A6464



3D373A



7D003E



FC007E

Previews

White Background



This preview shows how the Hex color 647A6F looks on a white background.

Color Contrast Check

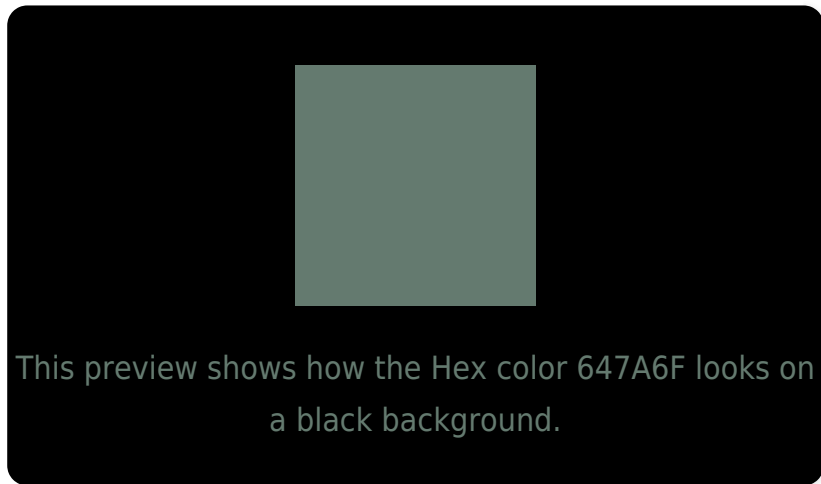
Large Text (above 18pt) WCAG AA ✓ Pass

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

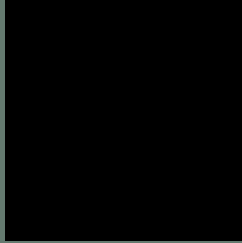
Any Text WCAG AA ✓ Pass

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 647A6F Background



This preview shows how black text looks on a background with the Hex color 647A6F.

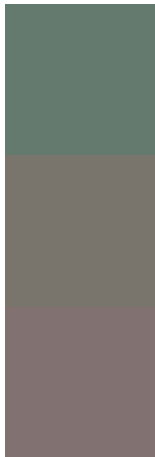


This preview shows how white text looks on a background with the Hex color 647A6F.

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
647A6F

Protanopia
79746C

Deuteranopia
817171



Tritanopia
677781

Trichromacy



Original Color
647A6F

Protanomaly
71766D

Deuteranomaly
767470

Tritanomaly
66787A

Monochromacy



Original Color
647A6F

Achromatopsia
727272

Achromatomaly
6D7571

CSS Examples

Text

The CSS property to change the color of the text to Hex 647A6F 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 #647A6F looks like.

```
.text, #text, p{  
    color:#647A6F  
}
```

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 #647A6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #647A6F
}
```

Border

The CSS property to change the border of an element to Hex 647A6F 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
#647A6F }
```

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

```
.border{ border-color:#647A6F }
```

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

Here you see how a box with a 4 pixel #647A6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #647A6F; -webkit-box-shadow:4px 4px  
4px 4px #647A6F; box-shadow:4px 4px 4px  
4px #647A6F }
```

Background

The CSS property to change the background color of an element to Hex 647A6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#647A6F }
```

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

```
.background{ background-color:#647A6F }
```

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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