

Converting Colors

Hex(647C6D)

Have a look what the booklet for
Hex(647C6D) contains.

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Color

Hex(647C6D)

Conversions

Conversions Part 1

Format	Color
Hex	647C6D
RGB	100, 124, 109
RGB Percent	39%, 49%, 43%
CMY	0.6078, 0.5137, 0.5725
CMYK	0.19, 0.00, 0.12, 0.51
HSL	142°, 11%, 44%
HSV	142°, 19%, 49%
XYZ	15.2235, 18.2288, 17.1841
YIQ	115.1140, -9.4890, -9.7530

Conversions

Conversions Part 2

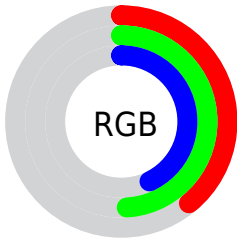
Format	Color
R_{YB}	100, 117, 124
Decimal	6585453
CIE Lab	49.77, -11.96, 5.32
CIE LCh	50, 13.094, 156.033
Yxy	18.2288, 0.3006, 0.3600
Android (android.graphics.Color)	4284775533 (0xFF647C6D)
YUV	115.1140, -3.0142, -13.2550
Hunter-Lab	42.6951, -11.0701, 6.0233

Details

The Hex color **647C6D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7C6473**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **97B1A0**, and **354B3E** is the 20% darker color. If you saturate the color by 10%, you get **587C65**, and if you desaturate by 10%, it is **707C75**.

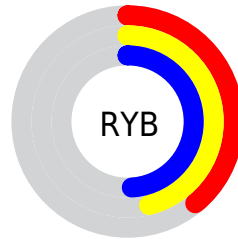
Distribution



Red (39%)

Green (49%)

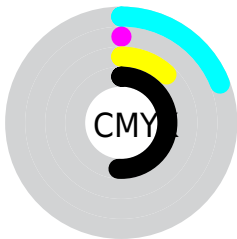
Blue (43%)



Red (39%)

Yellow (46%)

Blue (49%)

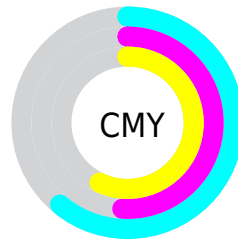


Cyan (19%)

Magenta (0%)

Yellow (12%)

Black (51%)



Cyan (61%)

Magenta (51%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 647C6D 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 647C6D by changing the saturation by 10% instead.

 647C6D

 647C6D

FFFFFF

 4C6355

 97B1A0

 354B3E

 B2CCBB

 1F3428

 CEE8D7

 0A1F13

 EAFFF4

 000000

 647C6D

 647C6D

 587C65

 707C75

 4B7C5E

 7D7C7C

 3F7C56

 897C84

 327C4E

 967C8C

 267C46


 A27C94

 1A7C3F

 AE7C9B

 0D7C37

 BB7CA3

 017C2F

 C77CAB

 007C2F

 D47CB3

Harmonies

Analogous

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



707A64



647C6D



5B7D78

Triad

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



647C6D



6D778C



8D706A

Complementary

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



647C6D



7C6473

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.



8D6F74



647C6D



7B7388

Square

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



647C6D



607A8A



877080



877362

Rectangle

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



647C6D



597D80



877080



8E6F6D

Sweetspot

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



647C6D



97A19B



737C64



4C524E



D1D1D1



525252

Same Dimension

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



647C6D



7CA18A



647C79



373D39



007D2F



00FC5F

Inverse Universe

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



7C6473



A17C93



7C6467



3D373B



7D004E



FC009E

Previews

White Background



This preview shows how the Hex color 647C6D looks on a white background.

Color Contrast Check

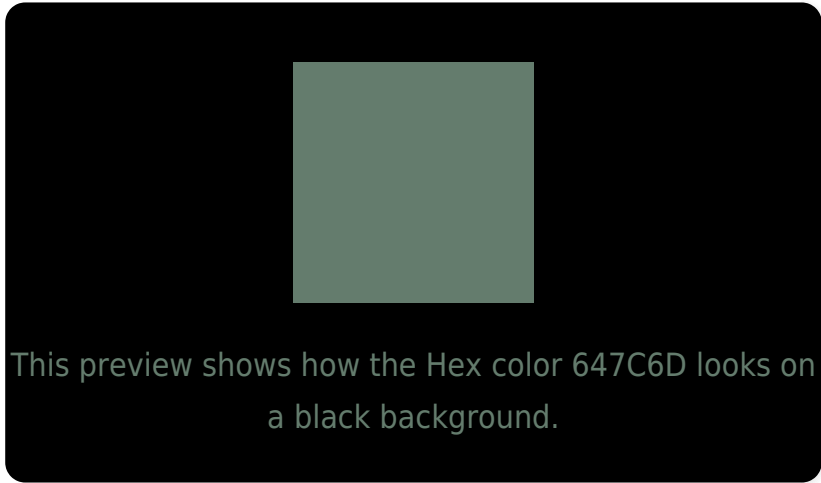
Large Text (above 18pt) WCAG AA ✓ Pass

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

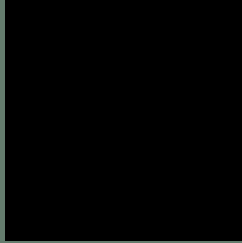
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

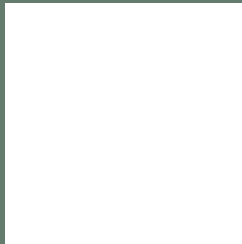
Any Text WCAG AAA × Fail

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

Hex 647C6D Background



This preview shows how black text looks on a background with the Hex color 647C6D.

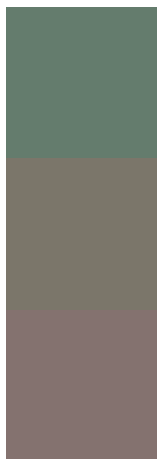


This preview shows how white text looks on a background with the Hex color 647C6D.

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
647C6D

Protanopia
7B766A

Deuteranopia
84726F



Tritanopia
687983

Trichromacy



Original Color
647C6D

Protanomaly
73786B

Deuteranomaly
78766E

Tritanomaly
677A7B

Monochromacy



Original Color
647C6D

Achromatopsia
737373

Achromatomaly
6E7671

CSS Examples

Text

The CSS property to change the color of the text to Hex 647C6D 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 #647C6D looks like.

```
.text, #text, p{  
    color:#647C6D  
}
```

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 #647C6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #647C6D
}
```

Border

The CSS property to change the border of an element to Hex 647C6D 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
#647C6D }
```

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

```
.border{ border-color:#647C6D }
```

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

Here you see how a box with a 4 pixel #647C6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #647C6D; -webkit-box-shadow:4px 4px  
4px 4px #647C6D; box-shadow:4px 4px 4px  
4px #647C6D }
```

Background

The CSS property to change the background color of an element to Hex 647C6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#647C6D }
```

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

```
.background{ background-color:#647C6D }
```

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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