

Converting Colors

Hex(647B77)

Have a look what the booklet for
Hex(647B77) contains.

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Color

Hex(647B77)

Conversions

Conversions Part 1

Format	Color
Hex	647B77
RGB	100, 123, 119
RGB Percent	39%, 48%, 47%
CMY	0.6078, 0.5176, 0.5333
CMYK	0.19, 0.00, 0.03, 0.52
HSL	170°, 10%, 44%
HSV	170°, 19%, 48%
XYZ	15.6683, 18.2072, 20.1413
YIQ	115.6670, -12.4240, -6.1200

Conversions

Conversions Part 2

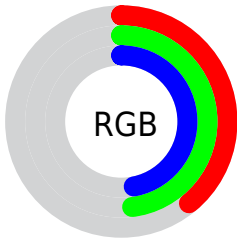
Format	Color
R_{YB}	100, 113, 123
Decimal	6585207
CIE _{Lab}	49.75, -9.23, -0.60
CIE _{LCh}	50, 9.253, 183.722
Y _{xy}	18.2072, 0.2901, 0.3371
Android (android.graphics.Color)	4284775287 (0xFF647B77)
Y _{UV}	115.6670, 1.6432, -13.7400
Hunter-Lab	42.6698, -9.1274, 1.8824

Details

The Hex color **647B77** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7B6468**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **97AFAB**, and **354A47** is the 20% darker color. If you saturate the color by 10%, you get **587B75**, and if you desaturate by 10%, it is **707B79**.

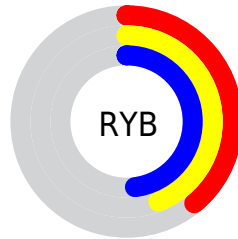
Distribution



Red (39%)

Green (48%)

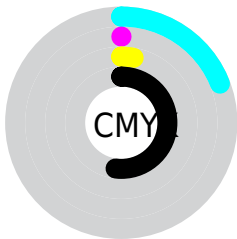
Blue (47%)



Red (39%)

Yellow (44%)

Blue (48%)

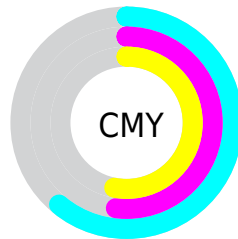


Cyan (19%)

Magenta (0%)

Yellow (3%)

Black (52%)



Cyan (61%)

Magenta (52%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 647B77 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 647B77 by changing the saturation by 10% instead.

■ 647B77

■ 647B77

FFFFFF

■ 4C625E

■ 97AFAB

■ 354A47

■ B2CBC6

■ 1F3430

■ CEE7E2

■ 0A1E1C

■ EAFFFF

■ 000000

■ 647B77

■ 647B77

■ 587B75

■ 707B79

■ 4B7B73

■ 7D7B7B

■ 3F7B71

■ 897B7D

■ 337B6E

■ 957B80

■ 277B6C

■ A27B82

■ 1A7B6A

■ AE7B84

■ 0E7B68

■ BA7B86

■ 027B66

■ C67B88

■ 007B66

■ D37B8A

Harmonies

Analogous

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



6A7A6F



647B77



637B7F

Triad

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



647B77



797483



837368

Complementary

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



647B77



7B6468

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.



87726E



647B77



82727D

Square

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



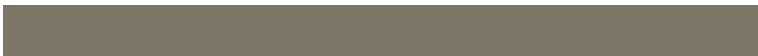
647B77



6F7786



867176



7C7667

Rectangle

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



647B77



657A83



867176



85736A

Sweetspot

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



647B77



97A19F



687B64



4C5251



D1D1D1



525252

Same Dimension

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



647B77



7DA19B



64747B



373D3C



007D67



00FCD1

Inverse Universe

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



7B6468



A17D83



7B6B64



3D3738



7D0016



FC002C

Previews

White Background



This preview shows how the Hex color 647B77 looks on a white background.

Color Contrast Check

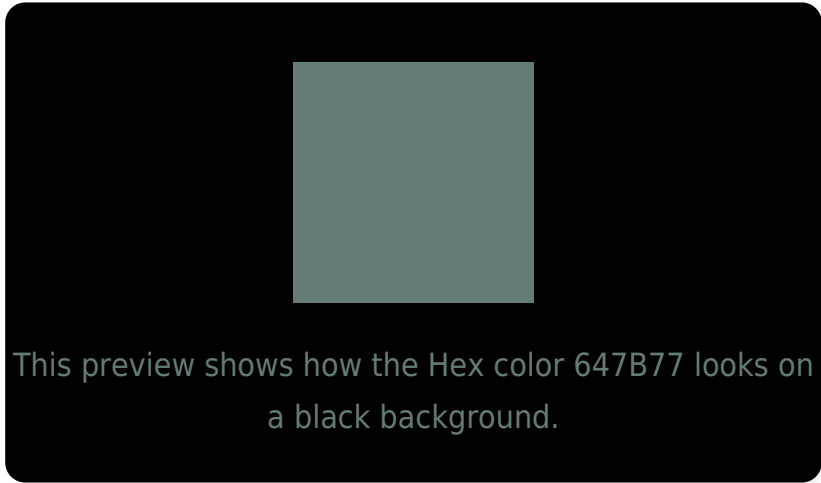
Large Text (above 18pt) WCAG AA ✓ Pass

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

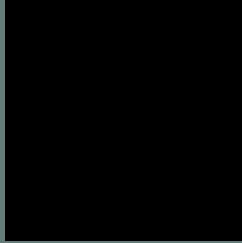
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

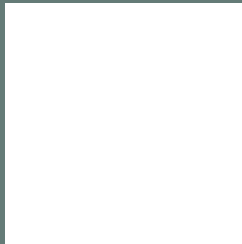
Any Text WCAG AAA × Fail

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

Hex 647B77 Background



This preview shows how black text looks on a background with the Hex color 647B77.



This preview shows how white text looks on a background with the Hex color 647B77.

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
647B77

Protanopia
797574

Deuteranopia
807279



Tritanopia
667983

Trichromacy



Original Color
647B77

Protanomaly
717775

Deuteranomaly
767578

Tritanomaly
657A7F

Monochromacy



Original Color
647B77

Achromatopsia
747474

Achromatomaly
6E7775

CSS Examples

Text

The CSS property to change the color of the text to Hex 647B77 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 #647B77 looks like.

```
.text, #text, p{  
  color:#647B77  
}
```

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 #647B77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #647B77  
}
```

Border

The CSS property to change the border of an element to Hex 647B77 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  
#647B77 }
```

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

```
.border{ border-color:#647B77 }
```

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

Here you see how a box with a 4 pixel #647B77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #647B77; -webkit-box-shadow:4px 4px  
4px 4px #647B77; box-shadow:4px 4px 4px  
4px #647B77 }
```

Background

The CSS property to change the background color of an element to Hex 647B77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#647B77 }
```

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

```
.background{ background-color:#647B77 }
```

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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