

Converting Colors

Hex(647873)

Have a look what the booklet for
Hex(647873) contains.

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Color

Hex(647873)

Conversions

Conversions Part 1

Format	Color
Hex	647873
RGB	100, 120, 115
RGB Percent	39%, 47%, 45%
CMY	0.6078, 0.5294, 0.5490
CMYK	0.17, 0.00, 0.04, 0.53
HSL	165°, 9%, 43%
HSV	165°, 17%, 47%
XYZ	15.0665, 17.3801, 18.7803
YIQ	113.4500, -10.3150, -5.7950

Conversions

Conversions Part 2

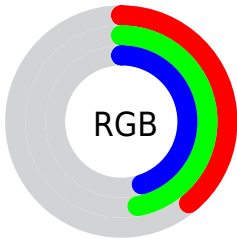
Format	Color
R_{YB}	100, 111, 120
Decimal	6584435
CIE Lab	48.74, -8.43, 0.28
CIE LCh	49, 8.436, 178.076
Yxy	17.3801, 0.2941, 0.3393
Android (android.graphics.Color)	4284774515 (0xFF647873)
YUV	113.4500, 0.7641, -11.7957
Hunter-Lab	41.6894, -8.4467, 2.4736

Details

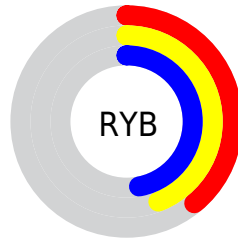
The Hex color **647873** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **786469**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **97ACA7**, and **354843** is the 20% darker color. If you saturate the color by 10%, you get **587870**, and if you desaturate by 10%, it is **707876**.

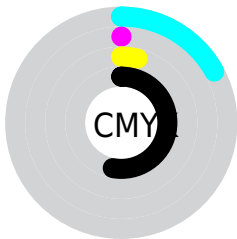
Distribution



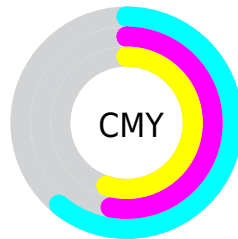
- Red (39%)
- Green (47%)
- Blue (45%)



- Red (39%)
- Yellow (44%)
- Blue (47%)



- Cyan (17%)
- Magenta (0%)
- Yellow (4%)
- Black (53%)



- Cyan (61%)
- Magenta (53%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 647873 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 647873 by changing the saturation by 10% instead.

■ 647873

■ 647873

FFFFFF

■ 4C5F5A

■ 97ACA7

■ 354843

■ B2C8C2

■ 1F312D

■ CDE4DE

■ 0A1C18

■ EAFFFA

■ 000000

■ 647873

■ 647873

■ 587870

■ 707876

■ 4C786D

■ 7C7879

■ 40786A

■ 88787C

■ 347867

■ 94787F

■ 287864

■ A07882

■ 1C7861

■ AC7885

■ 10785E

■ B87888

■ 04785B

■ C4788B

■ 00785A

■ D0788E

Harmonies

Analogous

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



6A776C



647873



62787A

Triad

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



647873



757280



807168

Complementary

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



647873



786469

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.



836F6D



647873



7D707B

Square

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



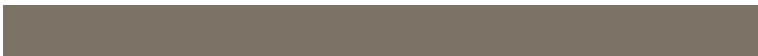
647873



6C7482



826F74



7A7366

Rectangle

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



647873



63777E



826F74



827069

Sweetspot

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



647873



949C9A



697864



4A4F4E



CFCFCF



4F4F4F

Same Dimension

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



647873



7C9C94



647378



373D3C



007D5E



00FCBD

Inverse Universe

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



786469



9C7C84



786964



3D3739



7D001F



FC003F

Previews

White Background



This preview shows how the Hex color 647873 looks on a white background.

Color Contrast Check

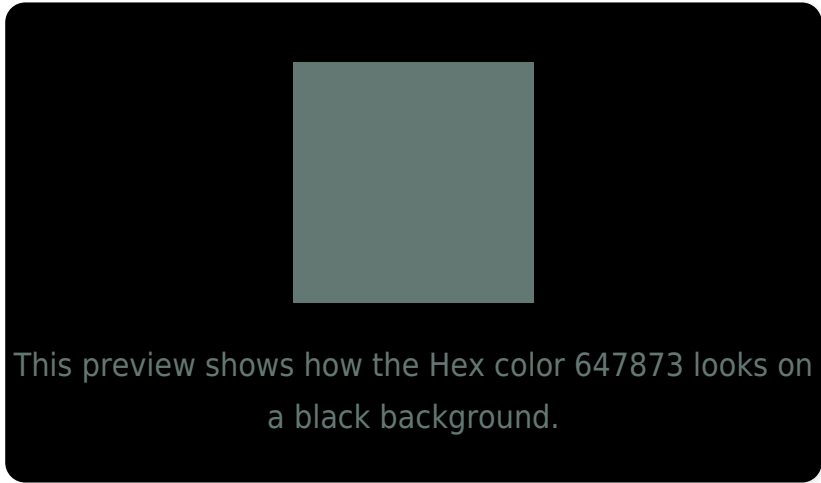
Large Text (above 18pt) WCAG AA ✓ Pass

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

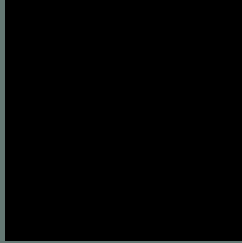
Any Text WCAG AA × Fail

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 647873 Background



This preview shows how black text looks on a background with the Hex color 647873.

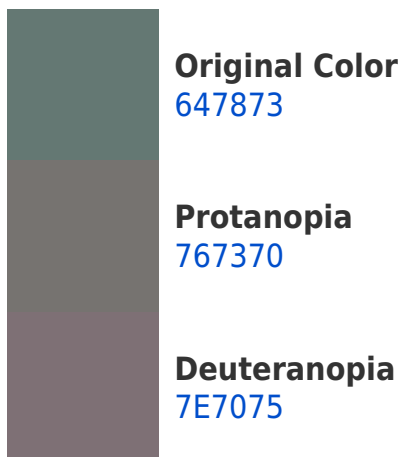


This preview shows how white text looks on a background with the Hex color 647873.

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](#).

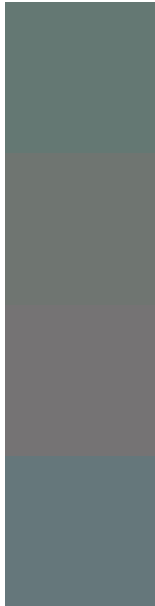
Dichromacy





Tritanopia
667680

Trichromacy



Original Color
64873

Protanomaly
6F7571

Deuteranomaly
757374

Tritanomaly
65777B

Monochromacy



Original Color
64873

Achromatopsia
717171

Achromatomaly
6C7472

CSS Examples

Text

The CSS property to change the color of the text to Hex 647873 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 #647873 looks like.

```
.text, #text, p{  
    color:#647873  
}
```

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 #647873 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #647873
}
```

Border

The CSS property to change the border of an element to Hex 647873 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".

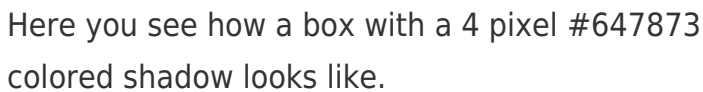
```
.border, #border, table{ border:4px solid
#647873 }
```

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

```
.border{ border-color:#647873 }
```

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

Here you see how a box with a 4 pixel #647873 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #647873; -webkit-box-shadow:4px 4px  
4px 4px #647873; box-shadow:4px 4px 4px  
4px #647873 }
```

Background

The CSS property to change the background color of an element to Hex 647873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#647873 }
```

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

```
.background{ background-color:#647873 }
```

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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