

Converting Colors

Hex(647E88)

Have a look what the booklet for
Hex(647E88) contains.

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Color

Hex(647E88)

Conversions

Conversions Part 1

Format	Color
Hex	647E88
RGB	100, 126, 136
RGB Percent	39%, 49%, 53%
CMY	0.6078, 0.5059, 0.4667
CMYK	0.26, 0.07, 0.00, 0.47
HSL	197°, 15%, 46%
HSV	197°, 26%, 53%
XYZ	17.1603, 19.4086, 26.1343
YIQ	119.3660, -18.7060, -2.4020

Conversions

Conversions Part 2

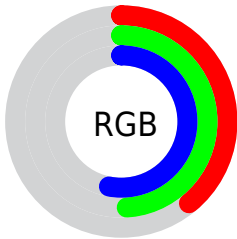
Format	Color
R_{YB}	100, 115, 136
Decimal	6585992
CIE _{Lab}	51.16, -6.90, -8.50
CIE _{LCh}	51, 10.942, 230.941
Yxy	19.4086, 0.2737, 0.3095
Android (android.graphics.Color)	4284776072 (0xFF647E88)
YUV	119.3660, 8.2006, -16.9840
Hunter-Lab	44.0552, -7.5675, -4.3333




Details

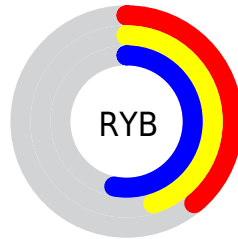
The Hex color **647E88** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **886E64**, and the grayscale version is **777777**.




A 20% lighter version of the original color is **98B3BD**, and **344D56** is the 20% darker color. If you saturate the color by 10%, you get **567A88**, and if you desaturate by 10%, it is **728288**.

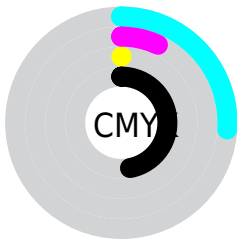
Distribution







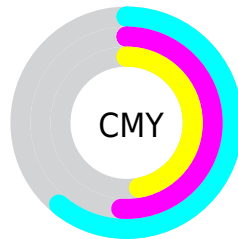
-  Red (39%)
-  Green (49%)
-  Blue (53%)






-  Red (39%)
-  Yellow (45%)
-  Blue (53%)



-  Cyan (26%)
-  Magenta (7%)
-  Yellow (0%)
-  Black (47%)



-  Cyan (61%)
-  Magenta (51%)
-  Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 647E88 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 647E88 by changing the saturation by 10% instead.

■ 647E88

■ 647E88

FFFFFF

■ 4B656F

■ 98B3BD

■ 344D56

■ B3CED9

■ 1D363F

■ CEEAF6

■ 062129

■ EBFFFF

■ 000915

■ 000000

■ 647E88

■ 647E88

■ 567A88

■ 728288

■ 497688

■ 7F8688

■ 3B7388

■ 8D8988

■ 2E6F88

■ 9A8D88

■ 206B88

■ A89188

■ 126788

■ B69588

■ 056488

■ C39888

■ 006288

■ D19C88

■ DEA088

Harmonies

Analogous

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



627F80



647E88



6C7C8C

Triad

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



647E88



8B747D



7A7B68

Complementary

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



647E88



886E64

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.



847868



647E88



8E7474

Square

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



647E88



837686



8B756C



707E6E

Rectangle

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



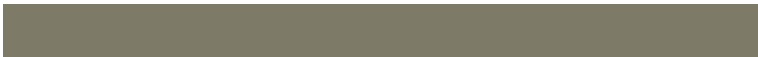
647E88



74798C



8B756C



7E7A68

Sweetspot

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



647E88



A2ACB0



64886E



505759



D9D9D9



595959

Same Dimension

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



647E88



78A0B0



646C88



3E4345



006085



000405

Inverse Universe

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



88647E



B078A0



888064



453E43



850060



050004

Previews

White Background



This preview shows how the Hex color 647E88 looks on a white background.

Color Contrast Check

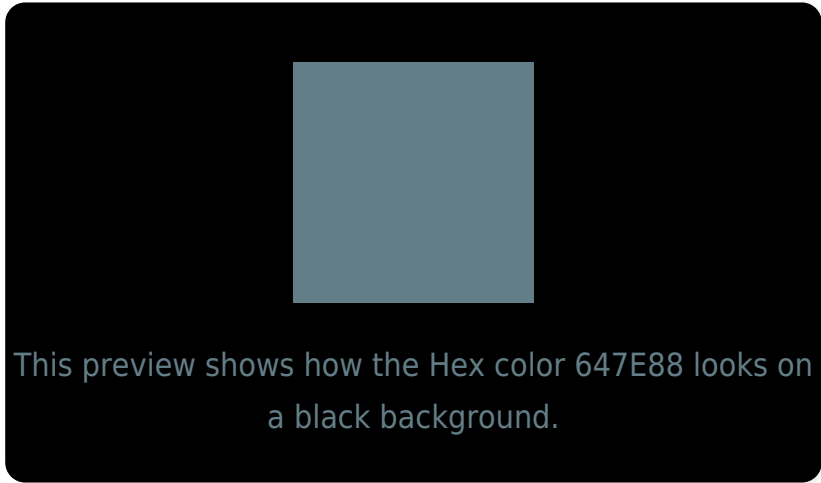
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

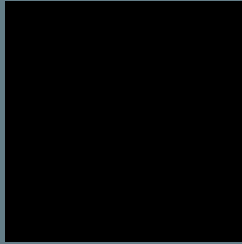
Any Text WCAG AA ✓ Pass

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 647E88 Background



This preview shows how black text looks on a background with the Hex color 647E88.



This preview shows how white text looks on a background with the Hex color 647E88.

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
647E88

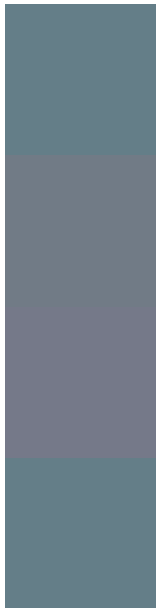
Protanopia
787985

Deuteranopia
7E768A



Tritanopia
647E88

Trichromacy



Original Color
647E88

Protanomaly
717B86

Deuteranomaly
757989

Tritanomaly
647E88

Monochromacy



Original Color
647E88

Achromatopsia
777777

Achromatomaly
707A7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 647E88 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 #647E88 looks like.

```
.text, #text, p{  
    color:#647E88  
}
```

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 #647E88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #647E88
}
```

Border

The CSS property to change the border of an element to Hex 647E88 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
#647E88 }
```

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

```
.border{ border-color:#647E88 }
```

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

Here you see how a box with a 4 pixel #647E88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #647E88; -webkit-box-shadow:4px 4px  
4px 4px #647E88; box-shadow:4px 4px 4px  
4px #647E88 }
```

Background

The CSS property to change the background color of an element to Hex 647E88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#647E88 }
```

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

```
.background{ background-color:#647E88 }
```

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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