

Converting Colors

Hex(647E93)

Have a look what the booklet for
Hex(647E93) contains.

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Color

Hex(647E93)

Conversions

Conversions Part 1

Format	Color
Hex	647E93
RGB	100, 126, 147
RGB Percent	39%, 49%, 58%
CMY	0.6078, 0.5059, 0.4235
CMYK	0.32, 0.14, 0.00, 0.42
HSL	207°, 19%, 48%
HSV	207°, 32%, 58%
XYZ	17.9828, 19.7376, 30.4657
YIQ	120.6200, -22.2370, 1.0190

Conversions

Conversions Part 2

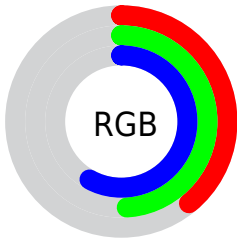
Format	Color
RYB	100, 117, 147
Decimal	6586003
CIELab	51.54, -4.08, -14.36
CIELCh	52, 14.932, 254.156
Yxy	19.7376, 0.2637, 0.2895
Android (android.graphics.Color)	4284776083 (0xFF647E93)
YUV	120.6200, 13.0053, -18.0837
Hunter-Lab	44.4270, -5.4954, -9.5590

Details

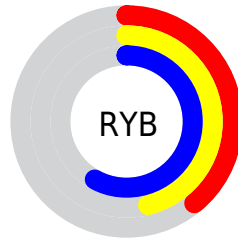
The Hex color **647E93** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **937964**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **98B3C9**, and **334D60** is the 20% darker color. If you saturate the color by 10%, you get **557793**, and if you desaturate by 10%, it is **738593**.

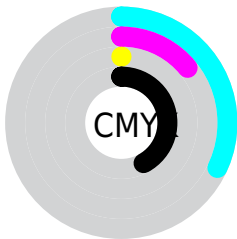
Distribution



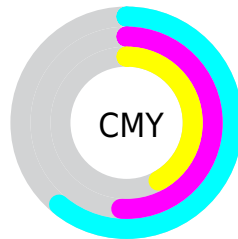
- Red (39%)
- Green (49%)
- Blue (58%)



- Red (39%)
- Yellow (46%)
- Blue (58%)



- Cyan (32%)
- Magenta (14%)
- Yellow (0%)
- Black (42%)



- Cyan (61%)
- Magenta (51%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 647E93 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 647E93 by changing the saturation by 10% instead.

■ 647E93

■ 647E93

FFFFFF

■ 4B6579

■ 98B3C9

■ 334D60

■ B3CEE5

■ 1B3649

■ CFEAFF

■ 022132

■ ECFFFF

■ 000A1D

■ 000000

■ 647E93

■ 647E93

■ 557793

■ 738593

■ 477193

■ 818B93

■ 386A93

■ 909293

■ 296493

■ 9F9893

■ 1B5D93

■ AE9F93

■ 0C5793

■ BCA593

■ 005193

■ CBAC93

■ DAB393

■ E8B993

Harmonies

Analogous

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



5A818C



647E93



747A93

Triad

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



647E93



957275



707F68

Complementary

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



647E93



937964

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.



7E7C62



647E93



93746A

Square

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



647E93



907382



8B7863



628273

Rectangle

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



647E93



7F7790



8B7863



757E66

Sweetspot

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



647E93



ACB7BF



649378



555C61



E0E0E0



616161

Same Dimension

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



647E93



779FBF



646793



43474A



004C8A



00060A

Inverse Universe

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



93647E



BF779F



939064



4A4347



8A004C



0A0006

Previews

White Background



This preview shows how the Hex color 647E93 looks on a white background.

Color Contrast Check

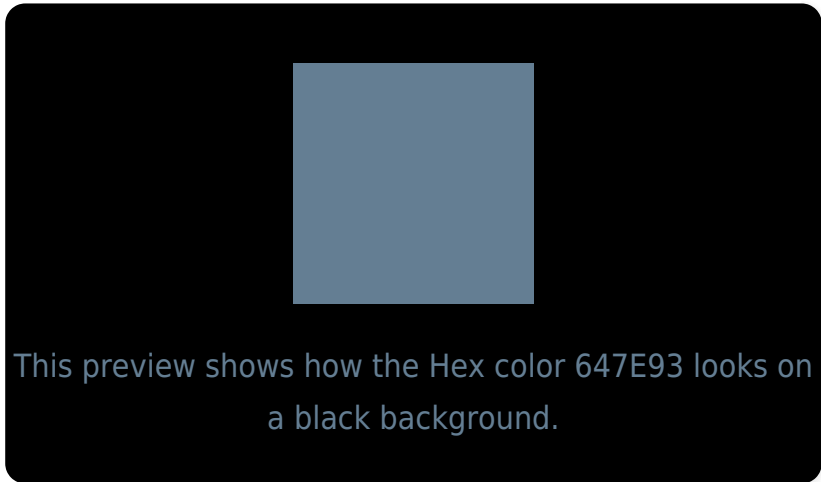
Large Text (above 18pt) WCAG AA ✓ Pass

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

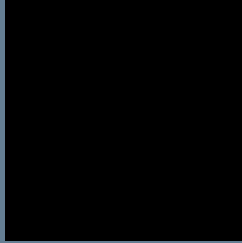
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

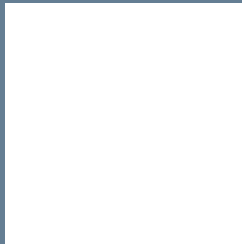
Any Text WCAG AAA × Fail

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

Hex 647E93 Background



This preview shows how black text looks on a background with the Hex color 647E93.

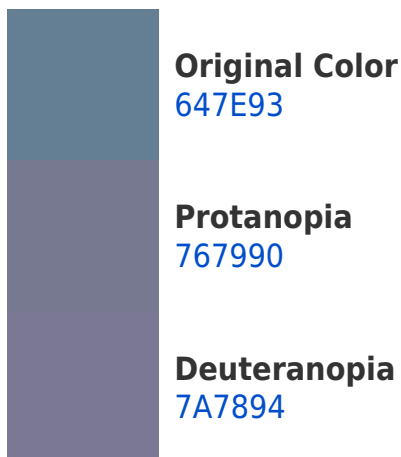


This preview shows how white text looks on a background with the Hex color 647E93.

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](#).

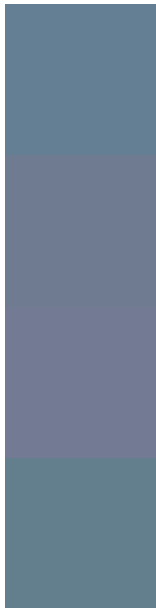
Dichromacy





Tritanopia
62808A

Trichromacy



Original Color
647E93

Protanomaly
6F7B91

Deuteranomaly
727A94

Tritanomaly
637F8D

Monochromacy



Original Color
647E93

Achromatopsia
797979

Achromatomaly
717B82

CSS Examples

Text

The CSS property to change the color of the text to Hex 647E93 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 #647E93 looks like.

```
.text, #text, p{  
    color:#647E93  
}
```

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 #647E93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #647E93
}
```

Border

The CSS property to change the border of an element to Hex 647E93 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
#647E93 }
```

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

```
.border{ border-color:#647E93 }
```

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

Here you see how a box with a 4 pixel #647E93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #647E93; -webkit-box-shadow:4px 4px  
4px 4px #647E93; box-shadow:4px 4px 4px  
4px #647E93 }
```

Background

The CSS property to change the background color of an element to Hex 647E93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#647E93 }
```

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

```
.background{ background-color:#647E93 }
```

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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