

Converting Colors

Hex(647A92)

Have a look what the booklet for
Hex(647A92) contains.

Hex(647A92)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(647A92)

Conversions

Conversions Part 1

Format	Color
Hex	647A92
RGB	100, 122, 146
RGB Percent	39%, 48%, 57%
CMY	0.6078, 0.5216, 0.4275
CMYK	0.32, 0.16, 0.00, 0.43
HSL	211°, 19%, 48%
HSV	211°, 32%, 57%
XYZ	17.4034, 18.7037, 29.8871
YIQ	118.1580, -20.8160, 2.8000

Conversions

Conversions Part 2

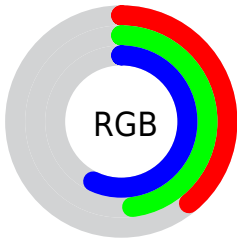
Format	Color
R_{YB}	100, 115, 146
Decimal	6584978
CIE _{Lab}	50.34, -2.02, -15.60
CIE _{LCh}	50, 15.731, 262.626
Yxy	18.7037, 0.2637, 0.2834
Android (android.graphics.Color)	4284775058 (0xFF647A92)
YUV	118.1580, 13.7261, -15.9246
Hunter-Lab	43.2478, -3.8533, -10.6998

Details

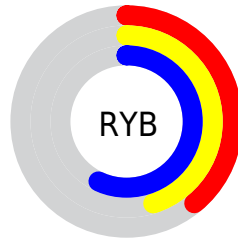
The Hex color `647A92` is a dark color, and the websafe version is hex `666666`. A complement of this color would be `927C64`, and the grayscale version is `767676`.

A 20% lighter version of the original color is `98AEC8`, and `334A5F` is the 20% darker color. If you saturate the color by 10%, you get `557292`, and if you desaturate by 10%, it is `738292`.

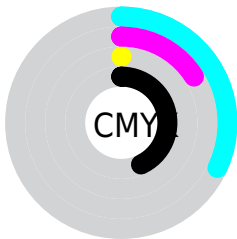
Distribution



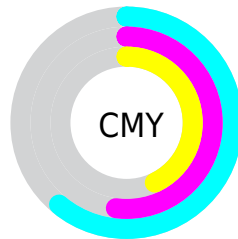
- Red (39%)
- Green (48%)
- Blue (57%)



- Red (39%)
- Yellow (45%)
- Blue (57%)



- Cyan (32%)
- Magenta (16%)
- Yellow (0%)
- Black (43%)



- Cyan (61%)
- Magenta (52%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 647A92 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 647A92 by changing the saturation by 10% instead.

■ 647A92

■ 647A92

FFFFFF

■ 4B6178

■ 98AEC8

■ 334A5F

■ B3CAE4

■ 1C3348

■ CFE6FF

■ 021E31

■ EBFFFF

■ 00041D

■ 000000

■ 647A92

■ 647A92

■ 557292

■ 738292

■ 476B92

■ 818992

■ 386392

■ 909192

■ 2A5C92

■ 9E9892

■ 1B5492

■ ADA092

■ 0C4C92

■ BCA892

■ 004692

■ CAAF92

■ D9B792

■ E7BF92

Harmonies

Analogous

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



567D8D



647A92



767690

Triad

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



647A92



946F6E



687D67

Complementary

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



647A92



927C64

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.



777A5F



647A92



8F7263

Square

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



647A92



916F7C



85765D



5A7F74

Rectangle

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



647A92



81738C



85765D



6D7C64

Sweetspot

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



647A92



ACB4BD



64927C



54595E



DEDEDE



5E5E5E

Same Dimension

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



647A92



7597BD



656492



43464A



00428A



00050A

Inverse Universe

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



92647A



BD7597



919264



4A4346



8A0042



0A0005

Previews

White Background



This preview shows how the Hex color 647A92 looks on a white background.

Color Contrast Check

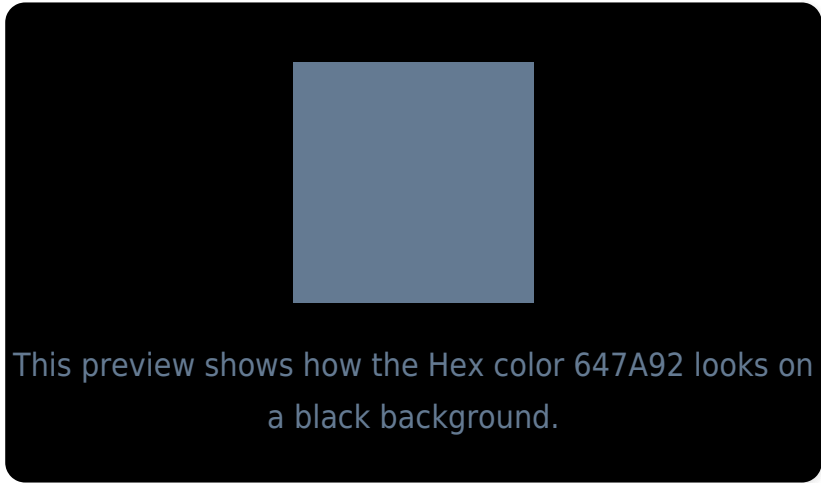
Large Text (above 18pt) WCAG AA ✓ Pass

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

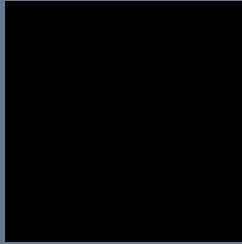
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

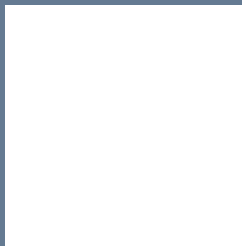
Any Text WCAG AAA × Fail

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

Hex 647A92 Background



This preview shows how black text looks on a background with the Hex color 647A92.



This preview shows how white text looks on a background with the Hex color 647A92.

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
647A92

Protanopia
727690

Deuteranopia
757593



Tritanopia
617C86

Trichromacy



Original Color
647A92

Protanomaly
6D7791

Deuteranomaly
6F7793

Tritanomaly
627B8A

Monochromacy



Original Color
647A92

Achromatopsia
767676

Achromatomaly
6F7780

CSS Examples

Text

The CSS property to change the color of the text to Hex 647A92 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 #647A92 looks like.

```
.text, #text, p{  
    color:#647A92  
}
```

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 #647A92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #647A92
}
```

Border

The CSS property to change the border of an element to Hex 647A92 is called "border". The border property can be set on classes, ids or directly on the HTML element.

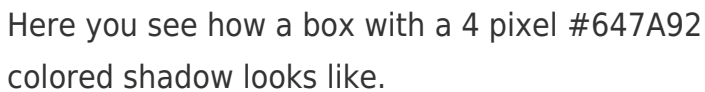
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#647A92 }
```

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

```
.border{ border-color:#647A92 }
```

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



Here you see how a box with a 4 pixel #647A92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #647A92; -webkit-box-shadow:4px 4px  
4px 4px #647A92; box-shadow:4px 4px 4px  
4px #647A92 }
```

Background

The CSS property to change the background color of an element to Hex 647A92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#647A92 }
```

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

```
.background{ background-color:#647A92 }
```

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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