

Converting Colors

Hex(647798)

Have a look what the booklet for
Hex(647798) contains.

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Color

Hex(647798)

Conversions

Conversions Part 1

Format	Color
Hex	647798
RGB	100, 119, 152
RGB Percent	39%, 47%, 60%
CMY	0.6078, 0.5333, 0.4039
CMYK	0.34, 0.22, 0.00, 0.40
HSL	218°, 21%, 49%
HSV	218°, 34%, 60%
XYZ	17.5199, 18.1700, 32.2895
YIQ	117.0810, -21.9170, 6.2350

Conversions

Conversions Part 2

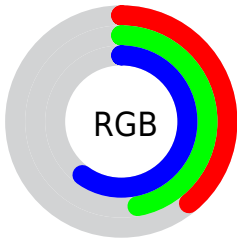
Format	Color
R_{YB}	100, 114, 152
Decimal	6584216
CIE _{Lab}	49.70, 1.36, -20.09
CIE _{LCh}	50, 20.139, 273.870
Yxy	18.1700, 0.2577, 0.2673
Android (android.graphics.Color)	4284774296 (0xFF647798)
YUV	117.0810, 17.2151, -14.9800
Hunter-Lab	42.6263, -1.2305, -15.0740

Details

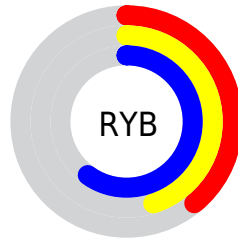
The Hex color **647798** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **988564**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **98ABCE**, and **334765** is the 20% darker color. If you saturate the color by 10%, you get **556D98**, and if you desaturate by 10%, it is **738198**.

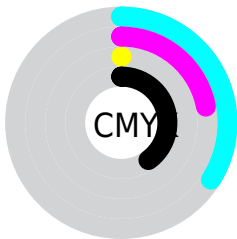
Distribution



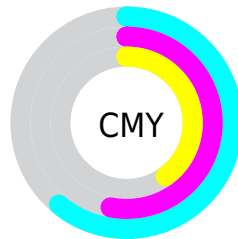
- Red (39%)
- Green (47%)
- Blue (60%)



- Red (39%)
- Yellow (45%)
- Blue (60%)



- Cyan (34%)
- Magenta (22%)
- Yellow (0%)
- Black (40%)



- Cyan (61%)
- Magenta (53%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 647798 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 647798 by changing the saturation by 10% instead.

■ 647798

■ 647798

FFFFFF

■ 4B5E7E

■ 98ABCE

■ 334765

■ B3C6EB

■ 1A314D

■ CFE2FF

■ 001C36

■ ECFE2FF

■ 000221

■ 000006

■ 000000

■ 647798

■ 647798

■ 556D98

■ 738198

■ 466498

■ 828A98

■ 365A98

■ 929498

■ 275098

■ A19E98

■ 184798

■ B0A798

■ 093D98

■ BFB198

■ 003898

■ CEBB98

■ DEC498

■ EDCE98

Harmonies

Analogous

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



4E7C94



647798



7C7193

Triad

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



647798



986B64



5A7E67

Complementary

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



647798



988564

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.



6E7B59



647798



8F7058

Square

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



647798



986A75



807654



498078

Rectangle

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



647798



896D8B



807654



617D62

Sweetspot

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



647798



B1B8C4



649885



585C63



E3E3E3



636363

Same Dimension

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



647798



7491C4



6B6498



45484D



00338C



00050D

Inverse Universe

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



986477



C47491



919864



4D4548



8C0033



0D0005

Previews

White Background



This preview shows how the Hex color 647798 looks on a white background.

Color Contrast Check

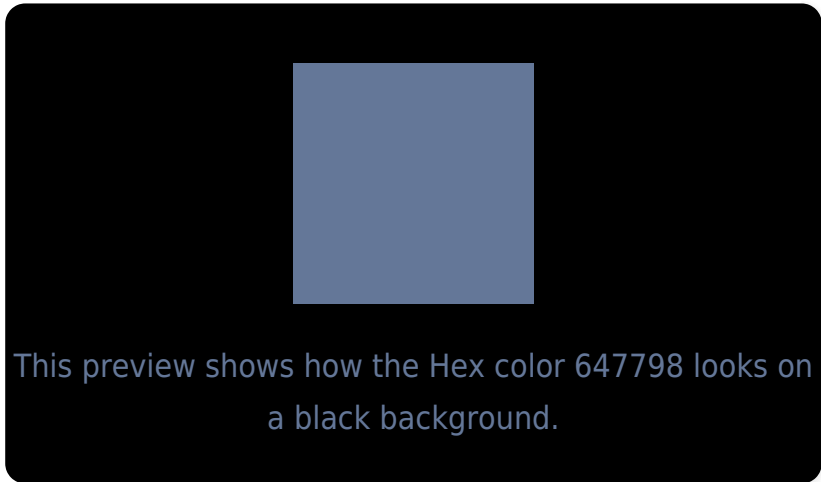
Large Text (above 18pt) WCAG AA ✓ Pass

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

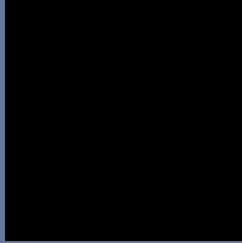
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

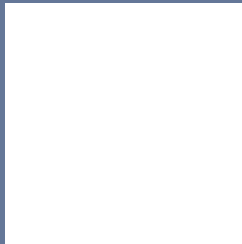
Any Text WCAG AAA × Fail

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

Hex 647798 Background



This preview shows how black text looks on a background with the Hex color 647798.

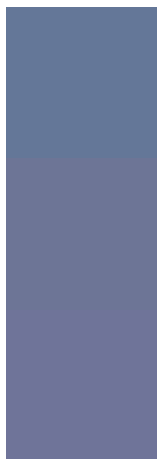


This preview shows how white text looks on a background with the Hex color 647798.

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

647798

Protanopia

6D7596

Deuteranopia

6F7499



Tritanopia
5F7B84

Trichromacy



Original Color
647798

Protanomaly
6A7697

Deuteranomaly
6B7599

Tritanomaly
617A8B

Monochromacy



Original Color
647798

Achromatopsia
757575

Achromatomaly
6F7682

CSS Examples

Text

The CSS property to change the color of the text to Hex 647798 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 #647798 looks like.

```
.text, #text, p{  
    color:#647798  
}
```

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 #647798 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #647798
}
```

Border

The CSS property to change the border of an element to Hex 647798 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
#647798 }
```

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

```
.border{ border-color:#647798 }
```

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

Here you see how a box with a 4 pixel #647798 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #647798; -webkit-box-shadow:4px 4px  
4px 4px #647798; box-shadow:4px 4px 4px  
4px #647798 }
```

Background

The CSS property to change the background color of an element to Hex 647798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#647798 }
```

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

```
.background{ background-color:#647798 }
```

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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