

Converting Colors

Hex(647FA7)

Have a look what the booklet for
Hex(647FA7) contains.

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Color

Hex(647FA7)

Conversions

Conversions Part 1

Format	Color
Hex	647FA7
RGB	100, 127, 167
RGB Percent	39%, 50%, 65%
CMY	0.6078, 0.5020, 0.3451
CMYK	0.40, 0.24, 0.00, 0.35
HSL	216°, 28%, 52%
HSV	216°, 40%, 65%
XYZ	19.8200, 20.6781, 39.5059
YIQ	123.4870, -28.9320, 6.7160

Conversions

Conversions Part 2

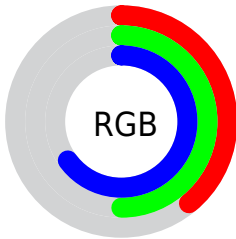
Format	Color
R_{YB}	100, 119, 167
Decimal	6586279
CIE _{Lab}	52.60, 0.83, -24.38
CIE _{LCh}	53, 24.394, 271.951
Yxy	20.6781, 0.2477, 0.2585
Android (android.graphics.Color)	4284776359 (0xFF647FA7)
YUV	123.4870, 21.4519, -20.5981
Hunter-Lab	45.4732, -1.7770, -19.6783

Details

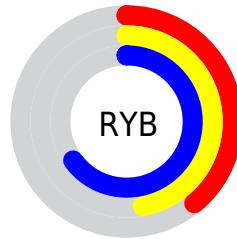
The Hex color **647FA7** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **A78C64**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **99B4DE**, and **314E73** is the 20% darker color. If you saturate the color by 10%, you get **5375A7**, and if you desaturate by 10%, it is **7589A7**.

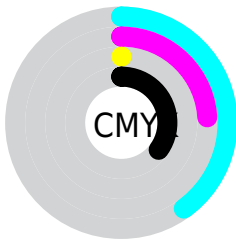
Distribution



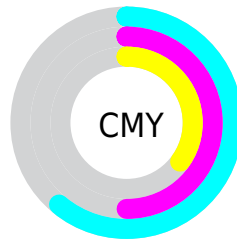
- Red (39%)
- Green (50%)
- Blue (65%)



- Red (39%)
- Yellow (47%)
- Blue (65%)



- Cyan (40%)
- Magenta (24%)
- Yellow (0%)
- Black (35%)



- Cyan (61%)
- Magenta (50%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 647FA7 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 647FA7 by changing the saturation by 10% instead.

■ 647FA7

■ 647FA7

FFFFFF

■ 4A668D

■ 99B4DE

■ 314E73

■ B5CFFB

■ 15385A

■ D1EBFF

■ 002243

■ EEEFFF

■ 000C2C

■ 000117

■ 000000

■ 647FA7

■ 647FA7

■ 5375A7

■ 7589A7

■ 436BA7

■ 8593A7

■ 3261A7

■ 969DA7

■ 2157A7

■ A7A7A7

■ 114DA7

■ B7B1A7

■ 0043A7

■ C8BBA7

■ D9C5A7

■ EACFA7

■ FAD9A7

Harmonies

Analogous

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



4785A2



647FA7



8278A1

Triad

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



647FA7



A67068



5C8769

Complementary

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



647FA7



A78C64

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.



748359



647FA7



9C7659

Square

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



647FA7



A66E7D



8B7D54



45897E

Rectangle

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



647FA7



937398



8B7D54



648663

Sweetspot

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



647FA7



BFC9D9



64A78B



5E646E



EDEDED



6E6E6E

Same Dimension

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



647FA7



719BD9



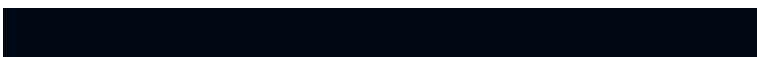
6A64A7



4C4F54



003C94



000814

Inverse Universe

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



A7647F



D9719B



A1A764



544C4F



94003C



140008

Previews

White Background



This preview shows how the Hex color 647FA7 looks on a white background.

Color Contrast Check

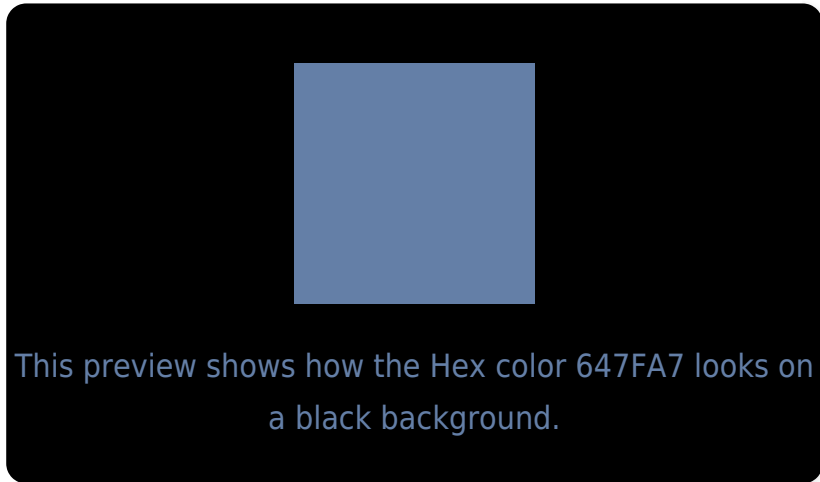
Large Text (above 18pt) WCAG AA ✓ Pass

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

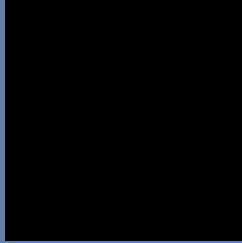
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

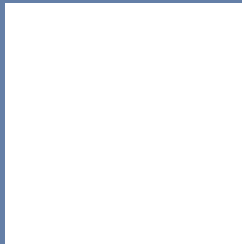
Any Text WCAG AAA × Fail

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

Hex 647FA7 Background



This preview shows how black text looks on a background with the Hex color 647FA7.

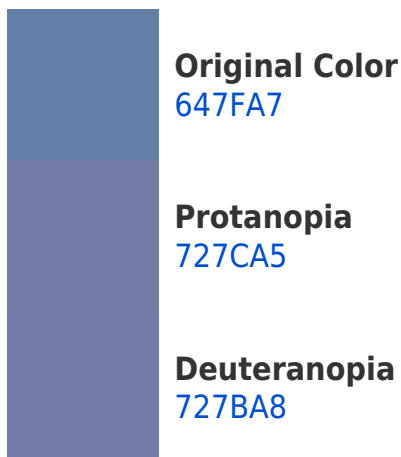


This preview shows how white text looks on a background with the Hex color 647FA7.

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](#).

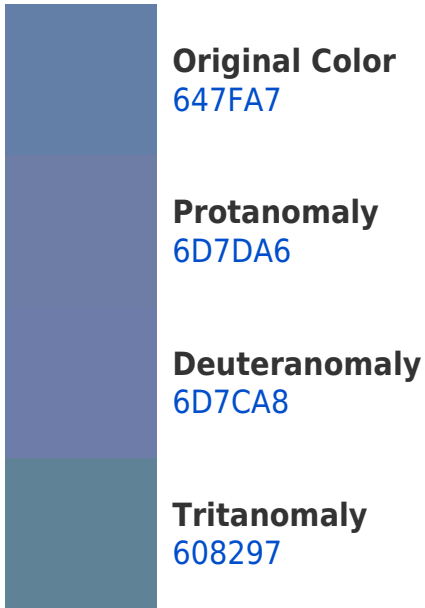
Dichromacy



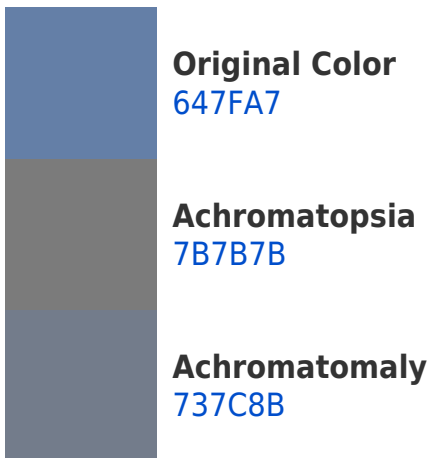


Tritanopia
5E848E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 647FA7 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 #647FA7 looks like.

```
.text, #text, p{  
    color:#647FA7  
}
```

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 #647FA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #647FA7
}
```

Border

The CSS property to change the border of an element to Hex 647FA7 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
#647FA7 }
```

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

```
.border{ border-color:#647FA7 }
```

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

Here you see how a box with a 4 pixel #647FA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #647FA7; -webkit-box-shadow:4px 4px  
4px 4px #647FA7; box-shadow:4px 4px 4px  
4px #647FA7 }
```

Background

The CSS property to change the background color of an element to Hex 647FA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#647FA7 }
```

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

```
.background{ background-color:#647FA7 }
```

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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