

Converting Colors

Hex(647692)

Have a look what the booklet for
Hex(647692) contains.

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Color

Hex(647692)

Conversions

Conversions Part 1

Format	Color
Hex	647692
RGB	100, 118, 146
RGB Percent	39%, 46%, 57%
CMY	0.6078, 0.5373, 0.4275
CMYK	0.32, 0.19, 0.00, 0.43
HSL	217°, 19%, 48%
HSV	217°, 32%, 57%
XYZ	16.9223, 17.7415, 29.7267
YIQ	115.8100, -19.7160, 4.8920

Conversions

Conversions Part 2

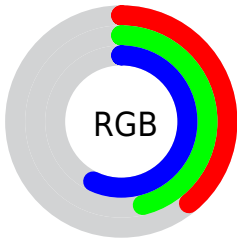
Format	Color
R_{YB}	100, 113, 146
Decimal	6583954
CIE _{Lab}	49.18, 0.33, -17.36
CIE _{LCh}	49, 17.367, 271.089
Yxy	17.7415, 0.2628, 0.2755
Android (android.graphics.Color)	4284774034 (0xFF647692)
YUV	115.8100, 14.8837, -13.8654
Hunter-Lab	42.1207, -1.9976, -12.3595

Details

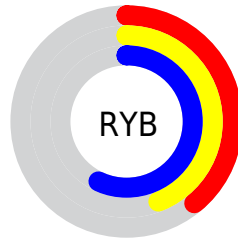
The Hex color **647692** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **928064**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **98AAC8**, and **33465F** is the 20% darker color. If you saturate the color by 10%, you get **556D92**, and if you desaturate by 10%, it is **737F92**.

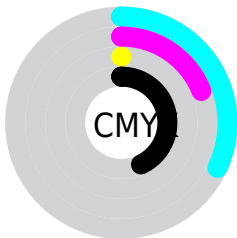
Distribution



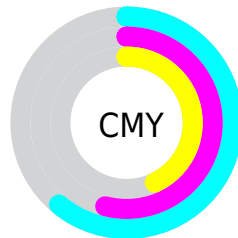
- Red (39%)
- Green (46%)
- Blue (57%)



- Red (39%)
- Yellow (44%)
- Blue (57%)



- Cyan (32%)
- Magenta (19%)
- Yellow (0%)
- Black (43%)



- Cyan (61%)
- Magenta (54%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 647692 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 647692 by changing the saturation by 10% instead.

■ 647692

■ 647692

FFFFFF

■ 4B5D78

■ 98AAC8

■ 33465F

■ B3C5E4

■ 1C3048

■ CFE1FF

■ 031B31

■ EBFEEF

■ 00021C

■ 000000

■ 647692

■ 647692

■ 556D92

■ 737F92

■ 476492

■ 818892

■ 385B92

■ 909192

■ 2A5292

■ 9E9A92

■ 1B4A92

■ ADA292

■ 0C4192

■ BCAB92

■ 003992

■ CAB492

■ D9BD92

■ E7C692

Harmonies

Analogous

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



527A8E



647692



78718E

Triad

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



647692



936B66



5F7C66

Complementary

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



647692



928064

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.



6F795B



647692



8C6F5C

Square

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



647692



926A75



7F7458



517D75

Rectangle

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



647692



846E87



7F7458



647B62

Sweetspot

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



647692



ACB2BD



649280



54585E



DEDEDE



5E5E5E

Same Dimension

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



647692



7591BD



696492



43454A



00368A



00040A

Inverse Universe

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



926476



BD7591



8D9264



4A4345



8A0036



0A0004

Previews

White Background



This preview shows how the Hex color 647692 looks on a white background.

Color Contrast Check

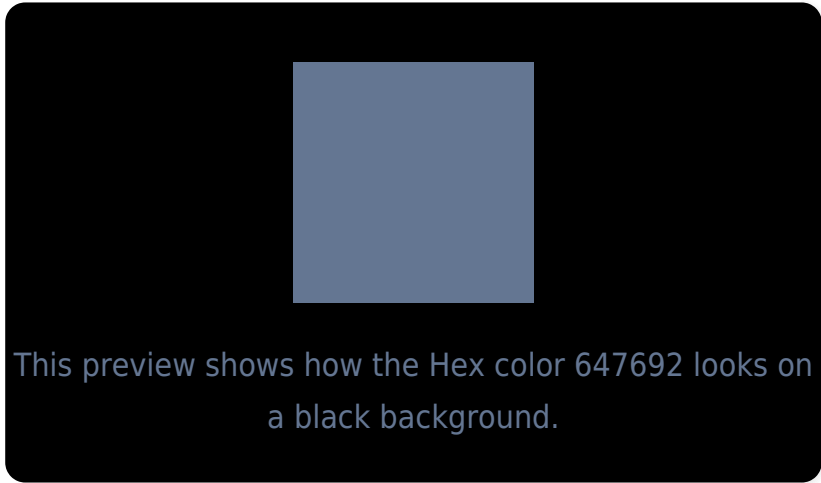
Large Text (above 18pt) WCAG AA ✓ Pass

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

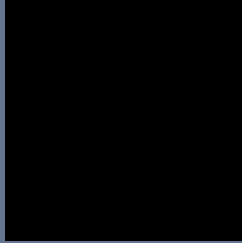
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

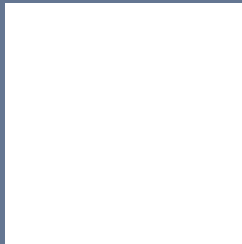
Any Text WCAG AAA × Fail

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

Hex 647692 Background



This preview shows how black text looks on a background with the Hex color 647692.



This preview shows how white text looks on a background with the Hex color 647692.

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

647692

Protanopia

6E7390

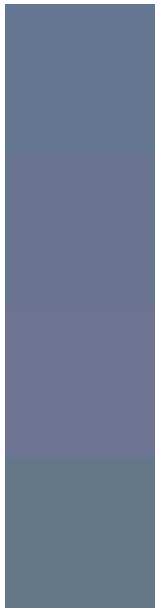
Deuteranopia

707293



Tritanopia
617982

Trichromacy



Original Color
647692

Protanomaly
6A7491

Deuteranomaly
6C7393

Tritanomaly
627888

Monochromacy



Original Color
647692

Achromatopsia
747474

Achromatomaly
6E757F

CSS Examples

Text

The CSS property to change the color of the text to Hex 647692 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 #647692 looks like.

```
.text, #text, p{  
    color:#647692  
}
```

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 #647692 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #647692
}
```

Border

The CSS property to change the border of an element to Hex 647692 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
#647692 }
```

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

```
.border{ border-color:#647692 }
```

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

Here you see how a box with a 4 pixel #647692 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #647692; -webkit-box-shadow:4px 4px  
4px 4px #647692; box-shadow:4px 4px 4px  
4px #647692 }
```

Background

The CSS property to change the background color of an element to Hex 647692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#647692 }
```

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

```
.background{ background-color:#647692 }
```

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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