

Converting Colors

Hex(647097)

Have a look what the booklet for
Hex(647097) contains.

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Color

Hex(647097)

Conversions

Conversions Part 1

Format	Color
Hex	647097
RGB	100, 112, 151
RGB Percent	39%, 44%, 59%
CMY	0.6078, 0.5608, 0.4078
CMYK	0.34, 0.26, 0.00, 0.41
HSL	226°, 20%, 49%
HSV	226°, 34%, 59%
XYZ	16.6356, 16.5320, 31.5924
YIQ	112.8580, -19.6710, 9.5850

Conversions

Conversions Part 2

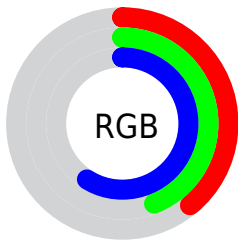
Format	Color
R_YB	100, 110, 151
Decimal	6582423
CIE _{Lab}	47.66, 5.27, -22.64
CIE _{LCh}	48, 23.243, 283.100
Yxy	16.5320, 0.2569, 0.2553
Android (android.graphics.Color)	4284772503 (0xFF647097)
YUV	112.8580, 18.8040, -11.2765
Hunter-Lab	40.6596, 1.8778, -17.6064

Details

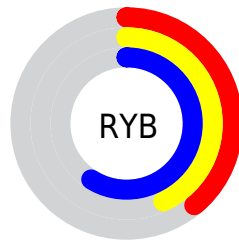
The Hex color **647097** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **978B64**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **98A4CD**, and **334064** is the 20% darker color. If you saturate the color by 10%, you get **556497**, and if you desaturate by 10%, it is **737C97**.

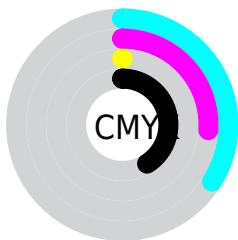
Distribution



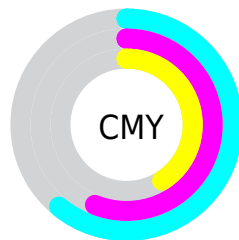
- Red (39%)
- Green (44%)
- Blue (59%)



- Red (39%)
- Yellow (43%)
- Blue (59%)



- Cyan (34%)
- Magenta (26%)
- Yellow (0%)
- Black (41%)



- Cyan (61%)
- Magenta (56%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 647097 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 647097 by changing the saturation by 10% instead.

■ 647097

■ 647097

FFFFFF

■ 4B587D

■ 98A4CD

■ 334064

■ B3BFEA

■ 1A2B4C

■ CFDAFF

■ 001635

■ ECF7FF

■ 000220

■ 000003

■ 000000

■ 647097

■ 647097

■ 556497

■ 737C97

■ 465997

■ 828797

■ 374D97

■ 919397

■ 284297

■ A09E97

■ 183697

■ B0AA97

■ 092B97

■ BFB597

■ 002497

■ CEC197

■ DDCC97

■ ECD897

Harmonies

Analogous

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



477696



647097



7F698E

Triad

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



647097



956657



497B65

Complementary

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



647097



978B64

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.



607854



647097



886C4C

Square

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



647097



986269



76734B



357C79

Rectangle

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



647097



8C6583



76734B



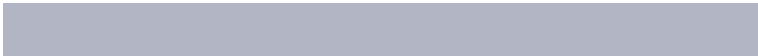
517A5F

Sweetspot

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



647097



B1B5C4



64978A



585A63



E3E3E3



636363

Same Dimension

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



647097



7487C4



716497



45474D



00218C



00030D

Inverse Universe

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



976470



C47487



8A9764



4D4547



8C0021



0D0003

Previews

White Background



This preview shows how the Hex color 647097 looks on a white background.

Color Contrast Check

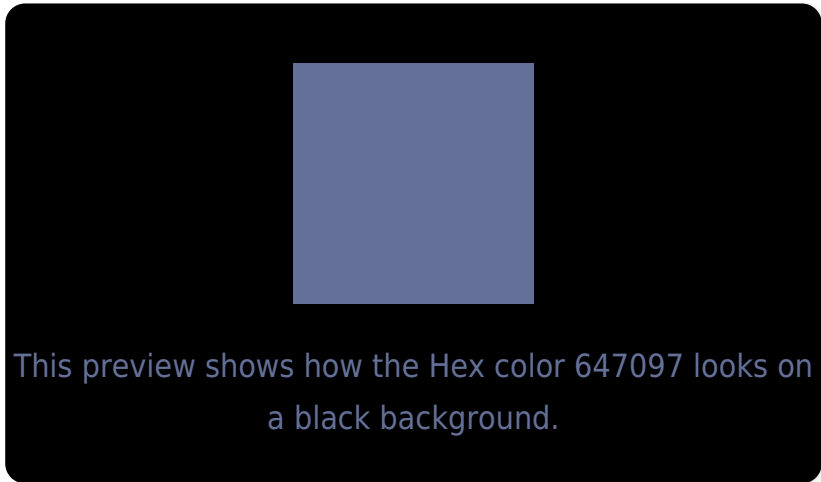
Large Text (above 18pt) WCAG AA ✓ Pass

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

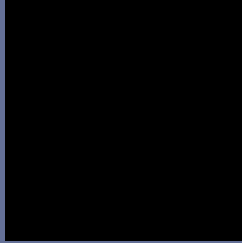
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

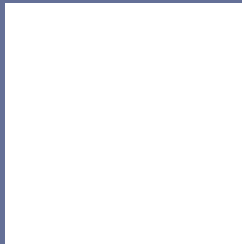
Any Text WCAG AAA × Fail

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

Hex 647097 Background



This preview shows how black text looks on a background with the Hex color 647097.



This preview shows how white text looks on a background with the Hex color 647097.

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
647097

Protanopia
667097

Deuteranopia
676F97



Tritanopia
5E757E

Trichromacy



Original Color
647097

Protanomaly
657097

Deuteranomaly
666F97

Tritanomaly
607387

Monochromacy



Original Color
647097

Achromatopsia
717171

Achromatomaly
6C717F

CSS Examples

Text

The CSS property to change the color of the text to Hex 647097 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 #647097 looks like.

```
.text, #text, p{  
    color:#647097  
}
```

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 #647097 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #647097
}
```

Border

The CSS property to change the border of an element to Hex 647097 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
#647097 }
```

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

```
.border{ border-color:#647097 }
```

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

Here you see how a box with a 4 pixel #647097 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #647097; -webkit-box-shadow:4px 4px  
4px 4px #647097; box-shadow:4px 4px 4px  
4px #647097 }
```

Background

The CSS property to change the background color of an element to Hex 647097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#647097 }
```

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

```
.background{ background-color:#647097 }
```

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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