

Converting Colors

Hex(647987)

Have a look what the booklet for
Hex(647987) contains.

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Color

Hex(647987)

Conversions

Conversions Part 1

Format	Color
Hex	647987
RGB	100, 121, 135
RGB Percent	39%, 47%, 53%
CMY	0.6078, 0.5255, 0.4706
CMYK	0.26, 0.10, 0.00, 0.47
HSL	204°, 15%, 46%
HSV	204°, 26%, 53%
XYZ	16.4661, 18.1333, 25.5539
YIQ	116.3170, -17.0100, -0.0980

Conversions

Conversions Part 2

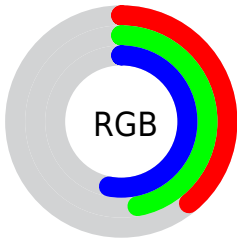
Format	Color
RYB	100, 113, 135
Decimal	6584711
CIELab	49.66, -4.27, -10.16
CIELCh	50, 11.026, 247.193
Yxy	18.1333, 0.2737, 0.3015
Android (android.graphics.Color)	4284774791 (0xFF647987)
YUV	116.3170, 9.2107, -14.3100
Hunter-Lab	42.5833, -5.4984, -5.7712

Details

The Hex color **647987** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **877264**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **98ADBC**, and **344955** is the 20% darker color. If you saturate the color by 10%, you get **567487**, and if you desaturate by 10%, it is **727E87**.

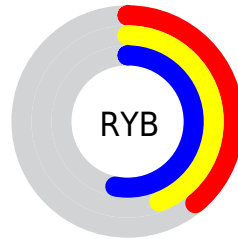
Distribution



Red (39%)

Green (47%)

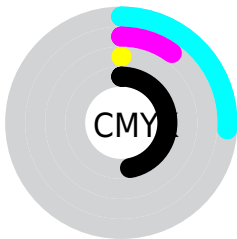
Blue (53%)



Red (39%)

Yellow (44%)

Blue (53%)

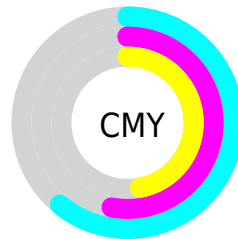


Cyan (26%)

Magenta (10%)

Yellow (0%)

Black (47%)



Cyan (61%)

Magenta (53%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 647987 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 647987 by changing the saturation by 10% instead.

■ 647987

■ 647987

FFFFFF

■ 4C606E

■ 98ADBC

■ 344955

■ B2C9D8

■ 1D323E

■ CEE5F4

■ 071D28

■ EBFFFF

■ 000114

■ 000000

■ 647987

■ 647987

■ 567487

■ 727E87

■ 496E87

■ 7F8487

■ 3B6987

■ 8D8987

■ 2E6387

■ 9A8F87

■ 215E87

■ A89487

■ 135987

■ B59987

■ 065387

■ C39F87

■ 005187

■ D0A487

■ DEAA87

Harmonies

Analogous

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



5E7B81



647987



6F7688

Triad

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



647987



8A7074



717967

Complementary

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



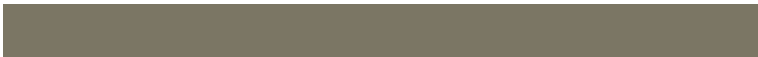
647987



877264

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.



7B7664



647987



89716B

Square

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



647987



84717E



847365



667B6F

Rectangle

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



647987



777487



847365



747865

Sweetspot

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



647987



A2AAB0



648772



505659



D9D9D9



595959

Same Dimension

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



647987



799AB0



646787



3C4042



004E82



000203

Inverse Universe

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



876479



B0799A



878464



423C40



82004E



030002

Previews

White Background



This preview shows how the Hex color 647987 looks on a white background.

Color Contrast Check

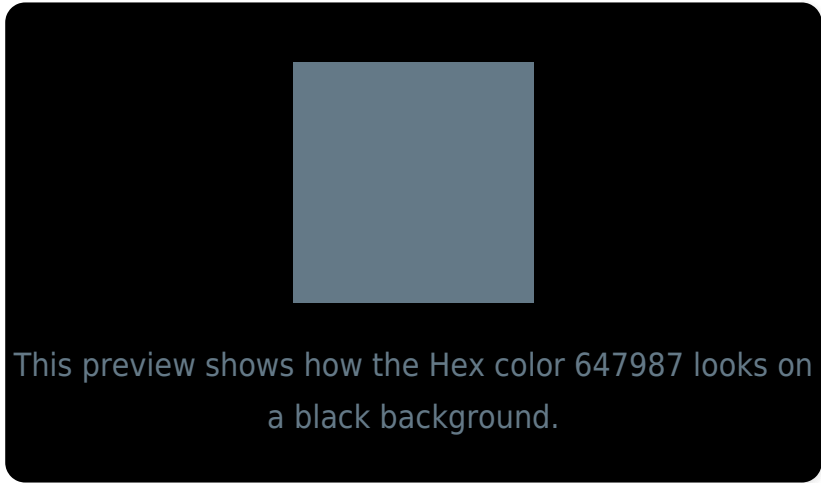
Large Text (above 18pt) WCAG AA ✓ Pass

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

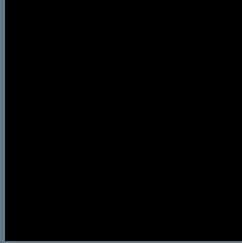
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

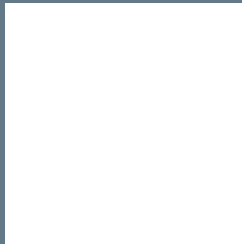
Any Text WCAG AAA × Fail

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

Hex 647987 Background



This preview shows how black text looks on a background with the Hex color 647987.



This preview shows how white text looks on a background with the Hex color 647987.

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
647987

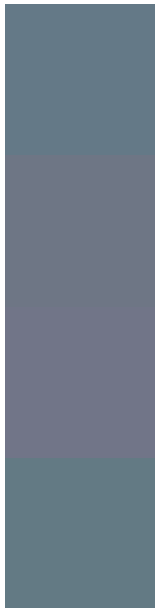
Protanopia
747584

Deuteranopia
787388



Tritanopia
637A83

Trichromacy



Original Color
647987

Protanomaly
6E7685

Deuteranomaly
717588

Tritanomaly
637A84

Monochromacy



Original Color
647987

Achromatopsia
747474

Achromatomaly
6E767B

CSS Examples

Text

The CSS property to change the color of the text to Hex 647987 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 #647987 looks like.

```
.text, #text, p{  
    color:#647987  
}
```

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 #647987 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #647987
}
```

Border

The CSS property to change the border of an element to Hex 647987 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
#647987 }
```

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

```
.border{ border-color:#647987 }
```

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

Here you see how a box with a 4 pixel #647987 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #647987; -webkit-box-shadow:4px 4px  
4px 4px #647987; box-shadow:4px 4px 4px  
4px #647987 }
```

Background

The CSS property to change the background color of an element to Hex 647987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#647987 }
```

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

```
.background{ background-color:#647987 }
```

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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