

Converting Colors

Hex(647881)

Have a look what the booklet for
Hex(647881) contains.

Hex(647881)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(647881)

Conversions

Conversions Part 1

Format	Color
Hex	647881
RGB	100, 120, 129
RGB Percent	39%, 47%, 51%
CMY	0.6078, 0.5294, 0.4941
CMYK	0.22, 0.07, 0.00, 0.49
HSL	199°, 13%, 45%
HSV	199°, 22%, 51%
XYZ	15.9344, 17.7272, 23.3507
YIQ	115.0460, -14.8090, -1.4410

Conversions

Conversions Part 2

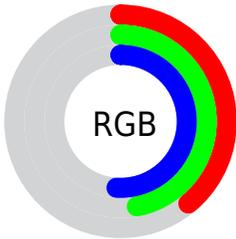
Format	Color
R_{YB}	100, 112, 129
Decimal	6584449
CIE _{Lab}	49.16, -5.18, -7.36
CIE _{LCh}	49, 9.001, 234.882
Yxy	17.7272, 0.2795, 0.3109
Android (android.graphics.Color)	4284774529 (0xFF647881)
YUV	115.0460, 6.8793, -13.1953
Hunter-Lab	42.1037, -6.1270, -3.4096

Details

The Hex color **647881** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **816D64**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **97ACB6**, and **344850** is the 20% darker color. If you saturate the color by 10%, you get **577481**, and if you desaturate by 10%, it is **717C81**.

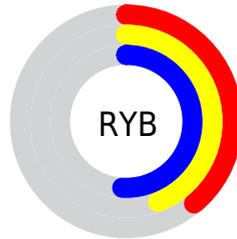
Distribution



Red (39%)

Green (47%)

Blue (51%)



Red (39%)

Yellow (44%)

Blue (51%)

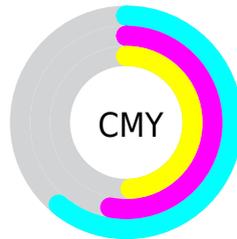


Cyan (22%)

Magenta (7%)

Yellow (0%)

Black (49%)



Cyan (61%)

Magenta (53%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 647881 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 647881 by changing the saturation by 10% instead.

■ 647881

■ 647881

FFFFFF

■ 4C5F68

■ 97ACB6

■ 344850

■ B2C8D1

■ 1E3139

■ CEE4EE

■ 091C23

■ EAFFFF

■ 00010E

■ 000000

■ 647881

■ 647881

■ 577481

■ 717C81

■ 4A7081

■ 7E8081

■ 3D6C81

■ 8B8481

■ 306881

■ 988881

■ 236481

■ A58C81

■ 176081

■ B19081

■ 0A5C81

■ BE9481

■ 005981

■ CB9881

■ D89C81

Harmonies

Analogous

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



62797B



647881



6B7684

Triad

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



647881



847076



747667

Complementary

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



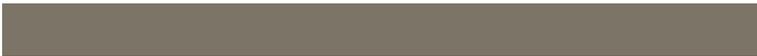
647881



816D64

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.



7C7466



647881



85706F

Square

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



647881



7E717E



837169



6B786C

Rectangle

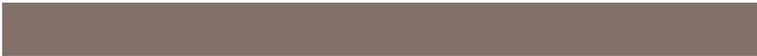
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



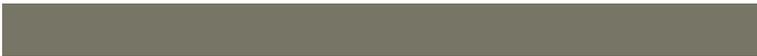
647881



727483



837169



777666

Sweetspot

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



647881



9DA5A8



64816D



4D5254



D4D4D4



545454

Same Dimension

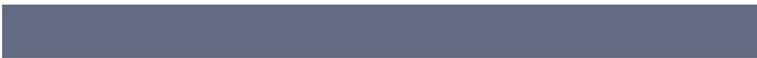
The Same Dimension uses a secret algorithm to generate beautiful new colors.



647881



7B9AA8



646A81



393E40



005880



000000

Inverse Universe

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



816478



A87B9A



817B64



40393E



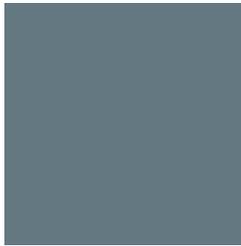
800058



000000

Previews

White Background



This preview shows how the Hex color 647881 looks on a white background.

Color Contrast Check

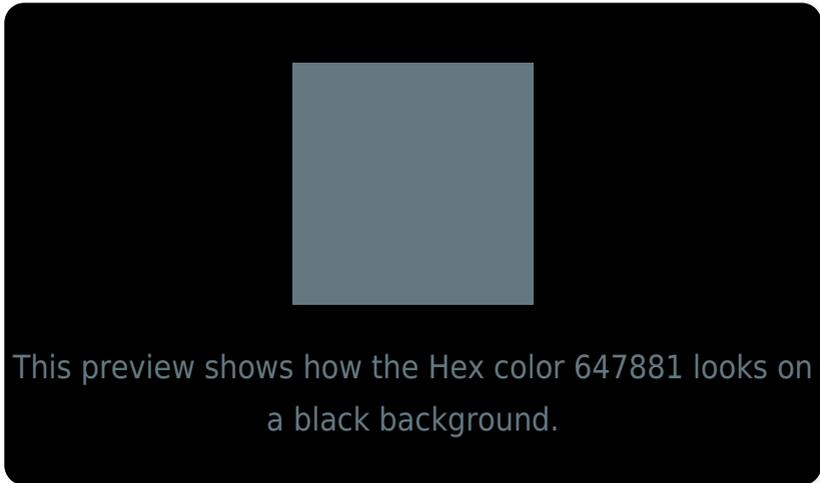
Large Text (above 18pt) WCAG AA ✓ Pass

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

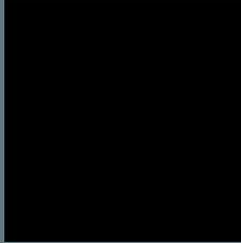
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

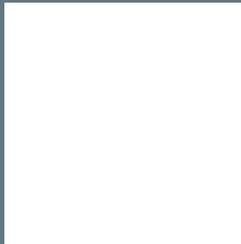
Any Text WCAG AAA × Fail

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

Hex 647881 Background



This preview shows how black text looks on a background with the Hex color 647881.



This preview shows how white text looks on a background with the Hex color 647881.

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
647881

Protanopia
74747E

Deuteranopia
7A7182



Tritanopia
647881

Trichromacy



Original Color

647881

Protanomaly

6E757F

Deuteranomaly

727482

Tritanomaly

647881

Monochromacy



Original Color

647881

Achromatopsia

737373

Achromatomaly

6E7578

CSS Examples

Text

The CSS property to change the color of the text to Hex 647881 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 #647881 looks like.

```
.text, #text, p{  
    color:#647881  
}
```

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 #647881 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #647881
}
```

Border

The CSS property to change the border of an element to Hex 647881 is called "border". The border property can be set on classes, ids or directly on the HTML element.

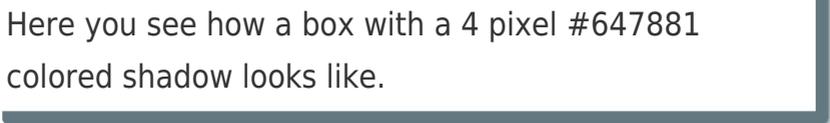
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#647881 }
```

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

```
.border{ border-color:#647881 }
```

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



Here you see how a box with a 4 pixel #647881 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #647881; -webkit-box-shadow:4px 4px  
4px 4px #647881; box-shadow:4px 4px 4px  
4px #647881 }
```

Background

The CSS property to change the background color of an element to Hex 647881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#647881 }
```

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

```
.background{ background-color:#647881 }
```

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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