

Converting Colors

Hex(645E77)

Have a look what the booklet for
Hex(645E77) contains.

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Color

Hex(645E77)

Conversions

Conversions Part 1

Format	Color
Hex	645E77
RGB	100, 94, 119
RGB Percent	39%, 37%, 47%
CMY	0.6078, 0.6314, 0.5333
CMYK	0.16, 0.21, 0.00, 0.53
HSL	254°, 12%, 42%
HSV	254°, 21%, 47%
XYZ	12.5880, 12.0466, 19.1145
YIQ	98.6440, -4.4490, 9.0470

Conversions

Conversions Part 2

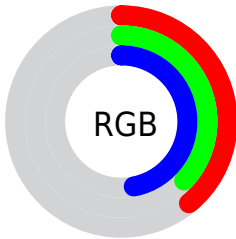
Format	Color
R_{YB}	100, 94, 119
Decimal	6577783
CIE Lab	41.29, 7.92, -13.21
CIE LCh	41, 15.405, 300.958
Yxy	12.0466, 0.2877, 0.2754
Android (android.graphics.Color)	4284767863 (0xFF645E77)
YUV	98.6440, 10.0355, 1.1892
Hunter-Lab	34.7083, 3.9990, -8.3564

Details

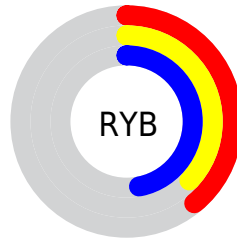
The Hex color **645E77** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **71775E**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **9790AB**, and **353047** is the 20% darker color. If you saturate the color by 10%, you get **5B5277**, and if you desaturate by 10%, it is **6D6A77**.

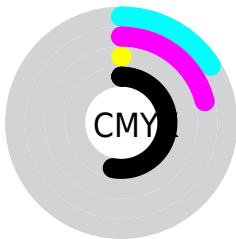
Distribution



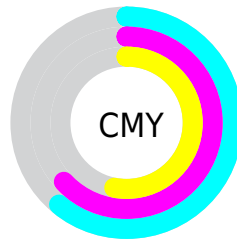
- Red (39%)
- Green (37%)
- Blue (47%)



- Red (39%)
- Yellow (37%)
- Blue (47%)



- Cyan (16%)
- Magenta (21%)
- Yellow (0%)
- Black (53%)



- Cyan (61%)
- Magenta (63%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 645E77 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 645E77 by changing the saturation by 10% instead.

■ 645E77

■ 645E77

FFFFFF

■ 4C465E

■ 9790AB

■ 353047

■ B2ABC7

■ 1F1B30

■ CDC6E3

■ 0A001C

■ EAE2FF

■ 000000

■ 645E77

■ 645E77

■ 5B5277

■ 6D6A77

■ 524677

■ 767677

■ 493A77

■ 7F8277

■ 402E77

■ 888E77

■ 372377

■ 919A77

■ 2E1777

■ 9AA577

■ 250B77

■ A3B177

■ 1D0077

■ ACBD77

■ B5C977

Harmonies

Analogous

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



53627A



645E77



725A6E

Triad

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



645E77



755C4C



426961

Complementary

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



645E77



71775E

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.



4E6755



645E77



6A6148

Square

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



645E77



7B5955



5D654C



3D686E

Rectangle

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



645E77



785966



5D654C



46685D

Sweetspot

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



645E77



94929C



5E7177



4B4A4F



CFCFCF



4F4F4F

Same Dimension

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



645E77



7E759C



705E77



36353B



1D007A



3C00FA

Inverse Universe

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



775E71



9C7592



65775E



3B3539



7A005D



FA00BE

Previews

White Background



This preview shows how the Hex color 645E77 looks on a white background.

Color Contrast Check

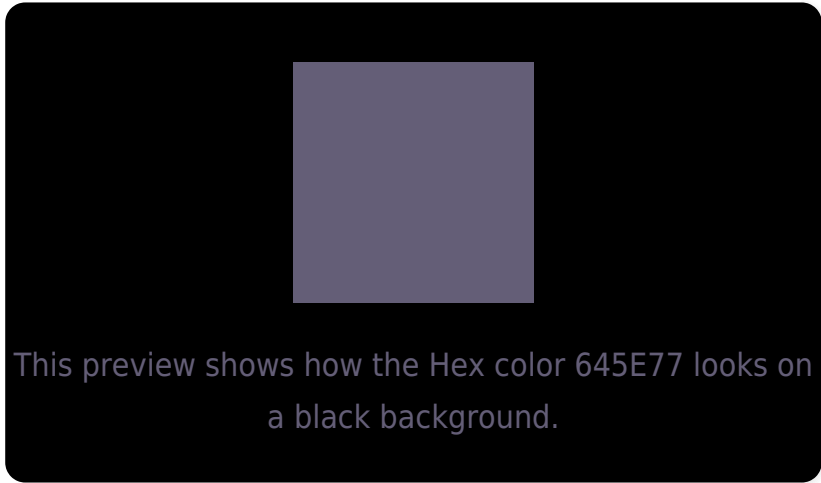
Large Text (above 18pt) WCAG AA ✓ Pass

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

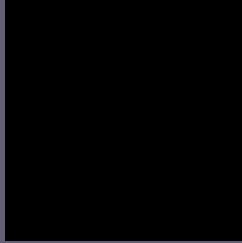
Any Text WCAG AA × Fail

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 645E77 Background



This preview shows how black text looks on a background with the Hex color 645E77.



This preview shows how white text looks on a background with the Hex color 645E77.

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
645E77

Protanopia
5C6079

Deuteranopia
605F77



Tritanopia
616168

Trichromacy



Original Color
645E77

Protanomaly
5F5F78

Deuteranomaly
615F77

Tritanomaly
62606D

Monochromacy



Original Color
645E77

Achromatopsia
636363

Achromatomaly
63616A

CSS Examples

Text

The CSS property to change the color of the text to Hex 645E77 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 #645E77 looks like.

```
.text, #text, p{  
    color:#645E77  
}
```

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 #645E77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #645E77  
}
```

Border

The CSS property to change the border of an element to Hex 645E77 is called "border". The border property can be set on classes, ids or directly on the HTML element.

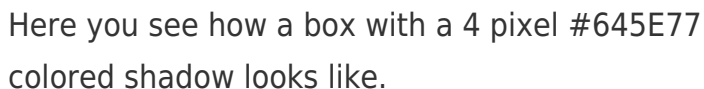
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#645E77 }
```

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

```
.border{ border-color:#645E77 }
```

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



Here you see how a box with a 4 pixel #645E77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #645E77; -webkit-box-shadow:4px 4px  
4px 4px #645E77; box-shadow:4px 4px 4px  
4px #645E77 }
```

Background

The CSS property to change the background color of an element to Hex 645E77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#645E77 }
```

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

```
.background{ background-color:#645E77 }
```

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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