

Converting Colors

Hex(705E77)

Have a look what the booklet for
Hex(705E77) contains.

Hex(705E77)	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(705E77)

Conversions

Conversions Part 1

Format	Color
Hex	705E77
RGB	112, 94, 119
RGB Percent	44%, 37%, 47%
CMY	0.5608, 0.6314, 0.5333
CMYK	0.06, 0.21, 0.00, 0.53
HSL	283°, 12%, 42%
HSV	283°, 21%, 47%
XYZ	14.0146, 12.7821, 19.1813
YIQ	102.2320, 2.7030, 11.5910

Conversions

Conversions Part 2

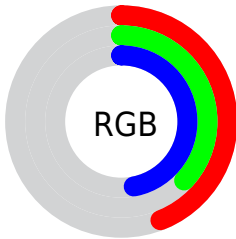
Format	Color
R _Y B	112, 94, 119
Decimal	7364215
CIE Lab	42.43, 12.28, -11.37
CIE LCh	42, 16.738, 317.212
Yxy	12.7821, 0.3048, 0.2780
Android (android.graphics.Color)	4285554295 (0xFF705E77)
YUV	102.2320, 8.2666, 8.5665
Hunter-Lab	35.7520, 7.4049, -6.7833

Details

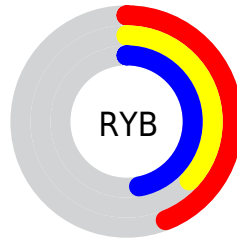
The Hex color **705E77** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **65775E**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **A490AB**, and **403047** is the 20% darker color. If you saturate the color by 10%, you get **6D5277**, and if you desaturate by 10%, it is **736A77**.

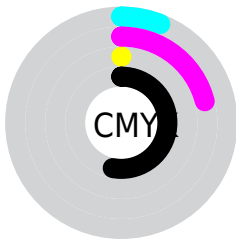
Distribution



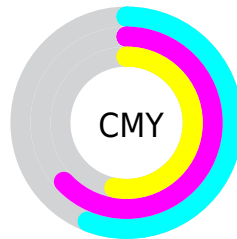
- Red (44%)
- Green (37%)
- Blue (47%)



- Red (44%)
- Yellow (37%)
- Blue (47%)



- Cyan (6%)
- Magenta (21%)
- Yellow (0%)
- Black (53%)



- Cyan (56%)
- Magenta (63%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 705E77 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 705E77 by changing the saturation by 10% instead.

■ 705E77

■ 705E77

FFFFFF

■ 57465E

■ A490AB

■ 403047

■ BFABC7

■ 2A1B30

■ DBC6E3

■ 17001C

■ F8E2FF

■ 000000

■ 705E77

■ 705E77

■ 6D5277

■ 736A77

■ 694677

■ 777677

■ 663A77

■ 7A8277

632E77

7D8E77

5F2377

819A77

5C1777

84A577

590B77

87B177

560077

8BBD77

8EC977

Harmonies

Analogous

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



5E637E



705E77



7C5B6B

Triad

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



705E77



74614A



3D6C6C

Complementary

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



705E77



65775E

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.



476C5E



705E77



66664A

Square

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



705E77



7D5D50



566951



3E6A78

Rectangle

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



705E77



805A61



566951



406C67

Sweetspot

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



705E77



99929C



5E6577



4E4A4F



CFCFCF



4F4F4F

Same Dimension

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



705E77



91759C



775E72



39353B



58007A



B400FA

Inverse Universe

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



775E65



9C7580



5E7763



3B3536



7A0022



FA0046

Previews

White Background



This preview shows how the Hex color 705E77 looks on a white background.

Color Contrast Check

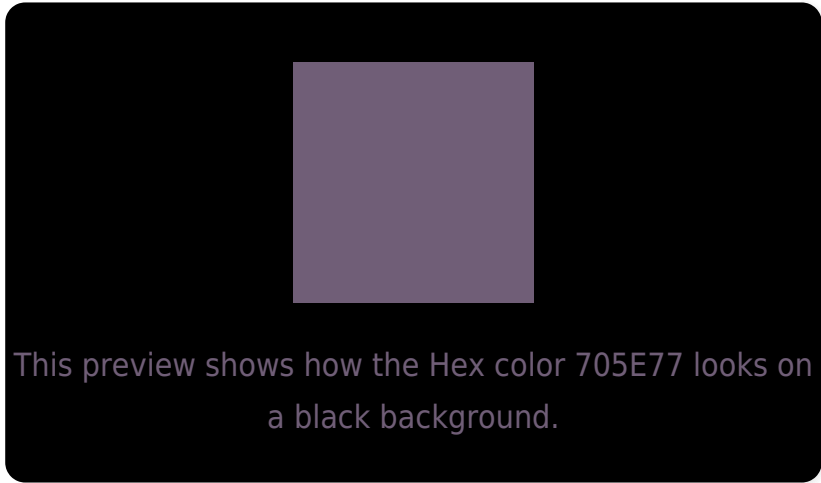
Large Text (above 18pt) WCAG AA ✓ Pass

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

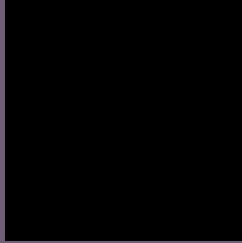
Any Text WCAG AA × Fail

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 705E77 Background



This preview shows how black text looks on a background with the Hex color 705E77.



This preview shows how white text looks on a background with the Hex color 705E77.

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
705E77

Protanopia
5F637B

Deuteranopia
656276



Tritanopia
6E6168

Trichromacy



Original Color
705E77

Protanomaly
65617A

Deuteranomaly
696176

Tritanomaly
6F606D

Monochromacy



Original Color
705E77

Achromatopsia
666666

Achromatomaly
6A636C

CSS Examples

Text

The CSS property to change the color of the text to Hex 705E77 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 #705E77 looks like.

```
.text, #text, p{  
    color:#705E77  
}
```

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 #705E77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #705E77
}
```

Border

The CSS property to change the border of an element to Hex 705E77 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
#705E77 }
```

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

```
.border{ border-color:#705E77 }
```

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

Here you see how a box with a 4 pixel #705E77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #705E77; -webkit-box-shadow:4px 4px  
4px 4px #705E77; box-shadow:4px 4px 4px  
4px #705E77 }
```

Background

The CSS property to change the background color of an element to Hex 705E77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#705E77 }
```

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

```
.background{ background-color:#705E77 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor