

# Converting Colors

Hex(705C85)

Have a look what the booklet for  
Hex(705C85) contains.

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# Color

**Hex(705C85)**

# Conversions

## Conversions Part 1

Format	Color
Hex	705C85
RGB	112, 92, 133
RGB Percent	44%, 36%, 52%
CMY	0.5608, 0.6392, 0.4784
CMYK	0.16, 0.31, 0.00, 0.48
HSL	269°, 18%, 44%
HSV	269°, 31%, 52%
XYZ	14.7429, 12.7925, 23.8825
YIQ	102.6540, -1.2410, 16.9910

# Conversions

## Conversions Part 2

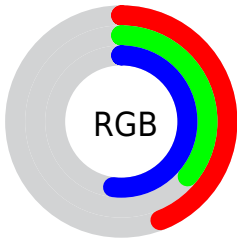
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 92, 133
Decimal	7363717
CIE <sub>Lab</sub>	42.45, 16.71, -19.84
CIE <sub>LCh</sub>	42, 25.943, 310.109
Yxy	12.7925, 0.2867, 0.2488
Android (android.graphics.Color)	4285553797 (0xFF705C85)
YUV	102.6540, 14.9606, 8.1964
Hunter-Lab	35.7666, 10.9856, -14.5532

# Details

The Hex color **705C85** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **71855C**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **A48EBA**, and **3F2E53** is the 20% darker color. If you saturate the color by 10%, you get **694F85**, and if you desaturate by 10%, it is **776985**.

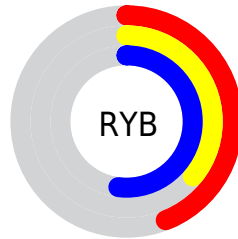
# Distribution



Red (44%)

Green (36%)

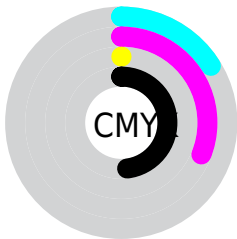
Blue (52%)



Red (44%)

Yellow (36%)

Blue (52%)

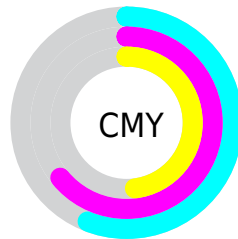


Cyan (16%)

Magenta (31%)

Yellow (0%)

Black (48%)



Cyan (56%)

Magenta (64%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 705C85 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 705C85 by changing the saturation by 10% instead.



705C85

705C85

FFFFFF

57446C

A48EBA

3F2E53

C0A9D6

29193C

DCC4F2

160026

F8E0FF

000110

FFFDFD

000000

705C85

705C85

694F85

776985

624185

7E7785

■ 5C3485

■ 848485

■ 552785

■ 8B9185

■ 4E1985

■ 929F85

■ 470C85

■ 99AC85

■ 410085

■ A0B985

■ A6C685

■ ADD485

# Harmonies

## Analogous

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



51648E



705C85



855673

# Triad

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



705C85



7E5E3C



19706B

# Complementary

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



705C85



71855C

# 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.



396F55



705C85



6B6539

# Square

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



705C85



8B574A



546B43



056E7F

# Rectangle

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



705C85



8C5465



546B43



257064



# Sweetspot

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



705C85



A59EAD



5C7185



524D57



D6D6D6



575757



# Same Dimension

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



705C85



8D6DAD



845C85



3F3C42



3F0082



010003



# Inverse Universe

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



855C71



AD6D8E



5D855C



423C3F



820043

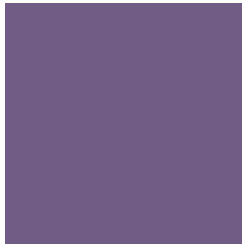


030001



# Previews

## White Background



This preview shows how the Hex color 705C85 looks on a white background.

## Color Contrast Check

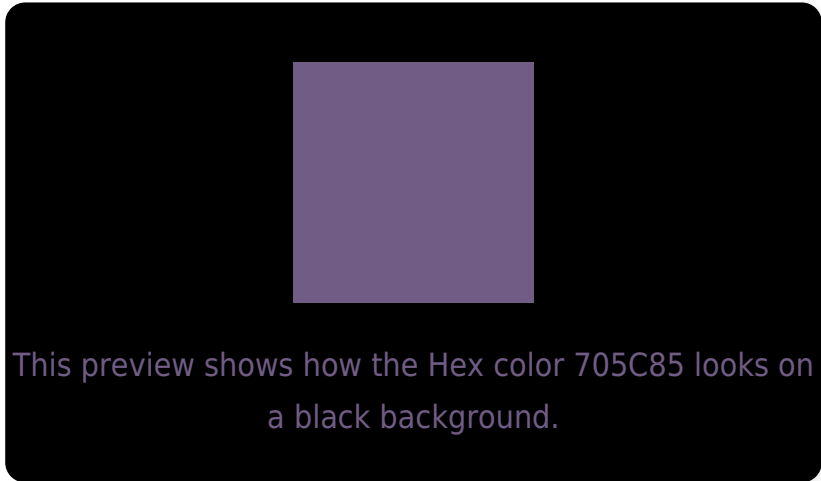
Large Text (above 18pt) WCAG AA ✓ Pass

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

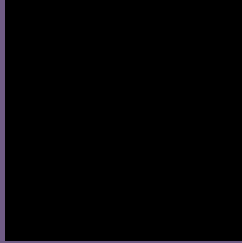
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 705C85 Background



This preview shows how black text looks on a background with the Hex color 705C85.



This preview shows how white text looks on a background with the Hex color 705C85.

# 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





**Tritanopia**  
6B6169

# Trichromacy



**Original Color**  
705C85

**Protanomaly**  
616088

**Deuteranomaly**  
646084

**Tritanomaly**  
6D5F73

# Monochromacy



**Original Color**  
705C85

**Achromatopsia**  
676767

**Achromatomaly**  
6A6372

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 705C85 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 #705C85 looks like.

```
.text, #text, p{  
    color:#705C85  
}
```

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 #705C85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #705C85
}
```

## Border

The CSS property to change the border of an element to Hex 705C85 is called "border". The border property can be set on classes, ids or directly on the HTML element.

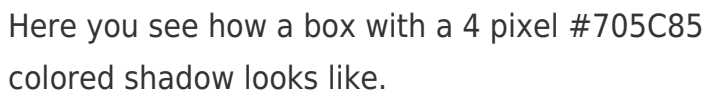
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#705C85 }
```

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

```
.border{ border-color:#705C85 }
```

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



Here you see how a box with a 4 pixel #705C85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #705C85; -webkit-box-shadow:4px 4px  
4px 4px #705C85; box-shadow:4px 4px 4px  
4px #705C85 }
```

# Background

The CSS property to change the background color of an element to Hex 705C85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#705C85 }
```

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

```
.background{ background-color:#705C85 }
```

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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