

# Converting Colors

Hex(705494)

Have a look what the booklet for  
Hex(705494) contains.

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# Color

**Hex(705494)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	705494
RGB	112, 84, 148
RGB Percent	44%, 33%, 58%
CMY	0.5608, 0.6706, 0.4196
CMYK	0.24, 0.43, 0.00, 0.42
HSL	266°, 28%, 45%
HSV	266°, 43%, 58%
XYZ	15.1977, 11.9235, 29.5174
YIQ	99.6680, -3.8560, 25.8400

# Conversions

## Conversions Part 2

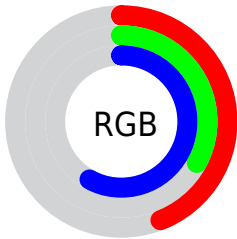
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	112, 84, 148
Decimal	7361684
CIE Lab	41.09, 25.29, -31.00
CIE LCh	41, 40.007, 309.203
Yxy	11.9235, 0.2683, 0.2105
Android (android.graphics.Color)	4285551764 (0xFF705494)
YUV	99.6680, 23.8277, 10.8152
Hunter-Lab	34.5304, 18.1341, -26.5112

# Details

The Hex color **705494** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **789454**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **A586CA**, and **3E2661** is the 20% darker color. If you saturate the color by 10%, you get **684594**, and if you desaturate by 10%, it is **786394**.

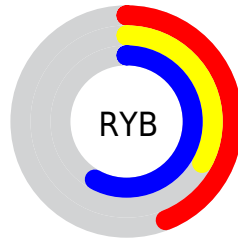
# Distribution



Red (44%)

Green (33%)

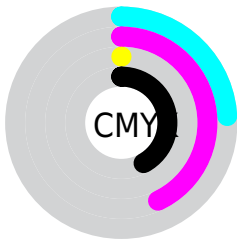
Blue (58%)



Red (44%)

Yellow (33%)

Blue (58%)

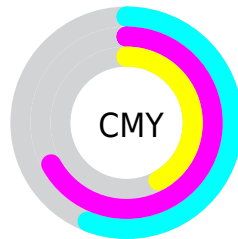


Cyan (24%)

Magenta (43%)

Yellow (0%)

Black (42%)



Cyan (56%)

Magenta (67%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 705494 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 705494 by changing the saturation by 10% instead.



 705494

 705494

FFFFFF

 573C7A

 A586CA

 3E2661

 C1A0E7

 261149

 DDBCFF

 140032

 FAD7FF

 00021C

 FFF4FF

 000000

 705494

 705494

 684594

 786394

 5F3694

 817294

■ 572894

■ 898094

■ 4F1994

■ 918F94

■ 460A94

■ 9A9E94

■ 410094

■ A2AD94

■ AABC94

■ B3CA94

■ BBD994

# Harmonies

## Analogous

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



3561A2



705494



914779

# Triad

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



705494



855722



00716A

# Complementary

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



705494



789454

# 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.



006F48



705494



69621B

# Square

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



705494



984A39



466B2B



00708A

# Rectangle

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



705494



9B4363



466B2B



00715F



# Sweetspot

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



705494



B1A6BF



547894



585161



E0E0E0



616161



# Same Dimension

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



705494



875CBF



905494



46434A



3C008A



04000A



# Inverse Universe

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



945478



BF5C94



589454



4A4347



8A004D



0A0006



# Previews

## White Background



This preview shows how the Hex color 705494 looks on a white background.

## Color Contrast Check

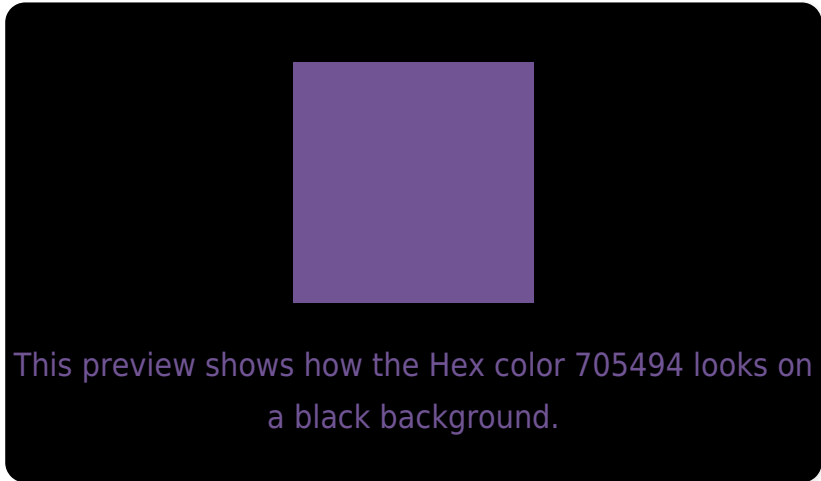
Large Text (above 18pt) WCAG AA ✓ Pass

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

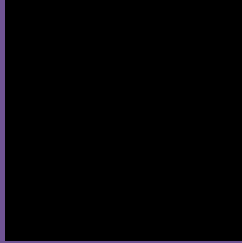
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 705494 Background



This preview shows how black text looks on a background with the Hex color 705494.

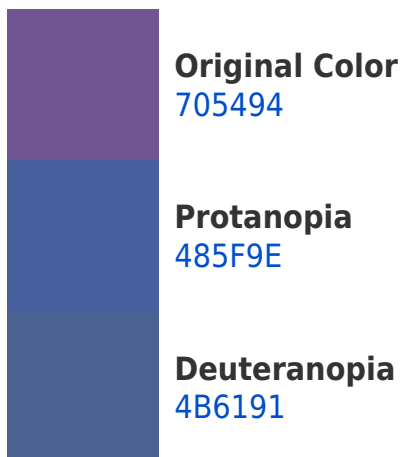


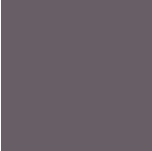
This preview shows how white text looks on a background with the Hex color 705494.

# 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**  
685E66

# Trichromacy



**Original Color**  
705494

**Protanomaly**  
575B9A

**Deuteranomaly**  
585C92

**Tritanomaly**  
6B5A77

# Monochromacy



**Original Color**  
705494

**Achromatopsia**  
646464

**Achromatomaly**  
685E75

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 705494 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 #705494 looks like.

```
.text, #text, p{  
    color:#705494  
}
```

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 #705494 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #705494
}
```

## Border

The CSS property to change the border of an element to Hex 705494 is called "border". The border property can be set on classes, ids or directly on the HTML element.

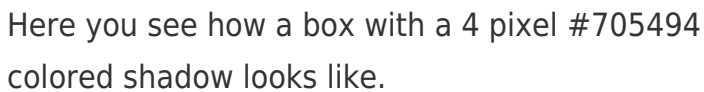
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#705494 }
```

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

```
.border{ border-color:#705494 }
```

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



Here you see how a box with a 4 pixel #705494 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #705494; -webkit-box-shadow:4px 4px  
4px 4px #705494; box-shadow:4px 4px 4px  
4px #705494 }
```

# Background

The CSS property to change the background color of an element to Hex 705494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#705494 }
```

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

```
.background{ background-color:#705494 }
```

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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