

# Converting Colors

Hex(705FEA)

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

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# Color

**Hex(705FEA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	705FEA
RGB	112, 95, 234
RGB Percent	44%, 37%, 92%
CMY	0.5608, 0.6275, 0.0824
CMYK	0.52, 0.59, 0.00, 0.08
HSL	247°, 77%, 65%
HSV	247°, 59%, 92%
XYZ	25.6256, 17.5697, 79.8826
YIQ	115.9290, -34.4870, 46.8330

# Conversions

## Conversions Part 2

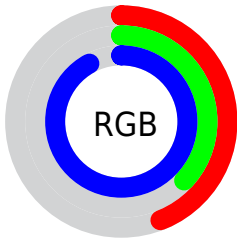
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 95, 234
Decimal	7364586
CIE <sub>Lab</sub>	48.97, 42.97, -68.37
CIE <sub>LCh</sub>	49, 80.746, 302.149
Yxy	17.5697, 0.2082, 0.1428
Android (android.graphics.Color)	4285554666 (0xFF705FEA)
YUV	115.9290, 58.2090, -3.4457
Hunter-Lab	41.9162, 35.7731, -83.6517

# Details

The Hex color **705FEA** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted purple. A complement of this color would be **D9EA5F**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **AC92FF**, and **2E30B1** is the 20% darker color. If you saturate the color by 10%, you get **5B48EA**, and if you desaturate by 10%, it is **8576EA**.

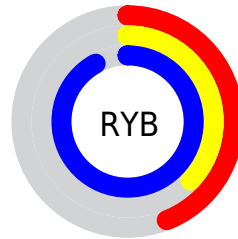
# Distribution



Red (44%)

Green (37%)

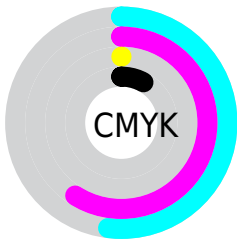
Blue (92%)



Red (44%)

Yellow (37%)

Blue (92%)

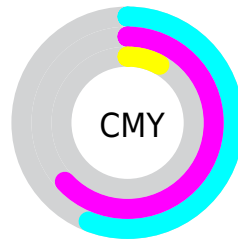


Cyan (52%)

Magenta (59%)

Yellow (0%)

Black (8%)



Cyan (56%)

Magenta (63%)

Yellow (8%)

# Brightness & Saturation Gradients

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



 705FEA

 705FEA

FFFFFF

 5147CD

 AC92FF

 2E30B1

 CAADFF

 001996

 E8C9FF

 00047B

 FFE5FF

 000061

 000848

 000431

 00011B

 000000

 705FEA

 705FEA

 5B48EA

 8576EA

 4730EA

 998EEA

 3219EA

 AEA5EA

 1E01EA

 C2BDEA

 1D00EA

 D7D4EA

 EBEBEA

 FFFFEA

# Harmonies

## Analogous

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



007CFF



705FEA



C72FB6

# Triad

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



705FEA



BE5600



009078

# Complementary

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



705FEA



D9EA5F

# 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.



008D2E



705FEA



8A7400

# Square

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



705FEA



E12730



418400



0090BC

# Rectangle

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



705FEA



E10089



418400



008F60



# Sweetspot

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



705FEA



D7D1FF



5FDAEA



676380



000000



808080



# Same Dimension

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



705FEA



604AFF



B55FEA



6B6A75



1600B5



070036



# Inverse Universe

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



EA5FD9



FF4AE9



94EA5F



756A74



B5009F

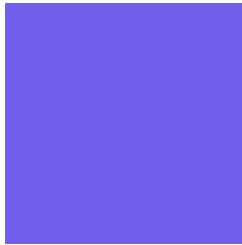


36002F



# Previews

## White Background



This preview shows how the Hex color 705FEA 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

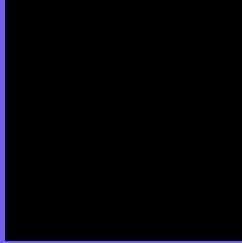
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 705FEA Background



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



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

# 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](#).

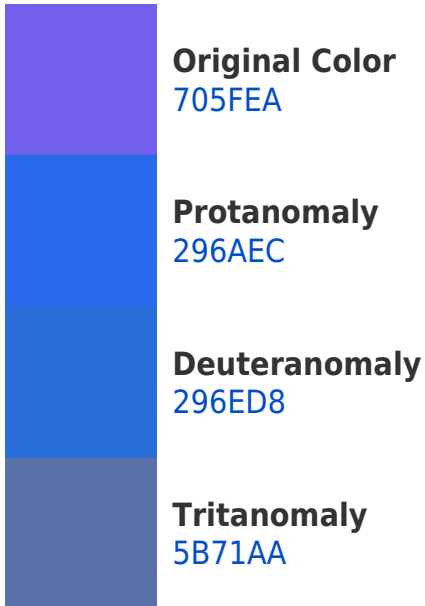
## Dichromacy





**Tritanopia**  
4F7B85

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #705FEA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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