

Converting Colors

Hex(735FCD)

Have a look what the booklet for
Hex(735FCD) contains.

Hex(735FCD)	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(735FCD)

Conversions

Conversions Part 1

Format	Color
Hex	735FCD
RGB	115, 95, 205
RGB Percent	45%, 37%, 80%
CMY	0.5490, 0.6275, 0.1961
CMYK	0.44, 0.54, 0.00, 0.20
HSL	251°, 52%, 59%
HSV	251°, 54%, 80%
XYZ	22.1819, 16.2370, 59.7226
YIQ	113.5200, -23.3900, 38.4500

Conversions

Conversions Part 2

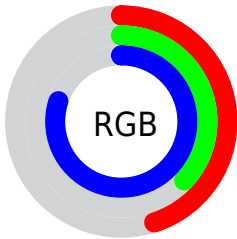
Format	Color
R_{YB}	115, 95, 205
Decimal	7561165
CIE _{Lab}	47.28, 35.06, -54.61
CIE _{LCh}	47, 64.893, 302.705
Yxy	16.2370, 0.2260, 0.1654
Android (android.graphics.Color)	4285751245 (0xFF735FCD)
YUV	113.5200, 45.0996, 1.2980
Hunter-Lab	40.2952, 27.7449, -59.6686

Details

The Hex color **735FCD** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted purple. A complement of this color would be **B9CD5F**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **AC92FF**, and **3A3096** is the 20% darker color. If you saturate the color by 10%, you get **624BCD**, and if you desaturate by 10%, it is **8474CD**.

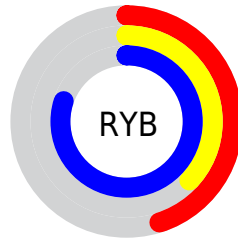
Distribution



Red (45%)

Green (37%)

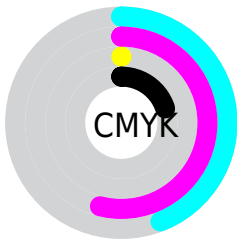
Blue (80%)



Red (45%)

Yellow (37%)

Blue (80%)

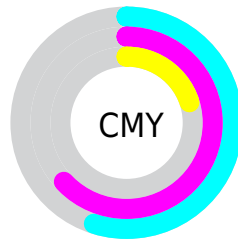


Cyan (44%)

Magenta (54%)

Yellow (0%)

Black (20%)



Cyan (55%)

Magenta (63%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 735FCD 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 735FCD by changing the saturation by 10% instead.

 735FCD

 735FCD


FFFFFF

 5747B1

 AC92FF

 3A3096

 C8ADFF

 171A7B

 E6C8FF

 000562

 FFE4FF

 000049

 000432

 00011C

 000000

 735FCD

 735FCD

624BCD

8474CD

5136CD

9588CD

4122CD

A59DCD

300DCD

B6B1CD

2500CD

C7C6CD

D8DACD

E8EFCD

F9FFCD

FFFFCD

Harmonies

Analogous

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



0076DE



735FCD



B442A3

Triad

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



735FCD



AE5A00



008874

Complementary

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



735FCD



B9CD5F

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.



00853A



735FCD



837000

Square

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



735FCD



CA3E38



4B7D00



0088AA

Rectangle

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



735FCD



C93280



4B7D00



008761

Sweetspot

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



735FCD



DED6FF



5FBBCD



6C6780



000000



808080

Same Dimension

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



735FCD



795CFF



A85FCD



5E5C66



1E00A6



070026

Inverse Universe

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



CD5FB9



FF5CE1



84CD5F



665C64



A60088



26001F

Previews

White Background



This preview shows how the Hex color 735FCD 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

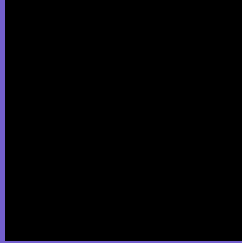
Any Text WCAG AA × Fail

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 735FCD Background



This preview shows how black text looks on a background with the Hex color 735FCD.

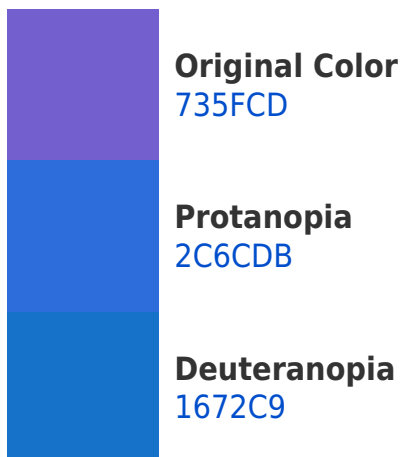


This preview shows how white text looks on a background with the Hex color 735FCD.

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](#).

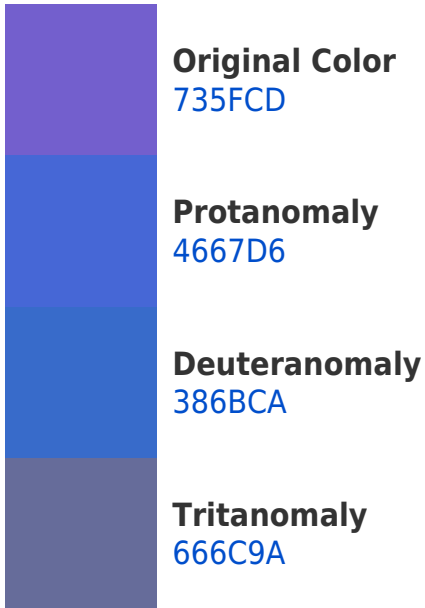
Dichromacy





Tritanopia
5E737D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 735FCD 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 #735FCD looks like.

```
.text, #text, p{  
    color:#735FCD  
}
```

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 #735FCD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #735FCD
}
```

Border

The CSS property to change the border of an element to Hex 735FCD 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
#735FCD }
```

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

```
.border{ border-color:#735FCD }
```

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

Here you see how a box with a 4 pixel #735FCD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #735FCD; -webkit-box-shadow:4px 4px  
4px 4px #735FCD; box-shadow:4px 4px 4px  
4px #735FCD }
```

Background

The CSS property to change the background color of an element to Hex 735FCD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#735FCD }
```

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

```
.background{ background-color:#735FCD }
```

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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