

Converting Colors

Hex(755FC1)

Have a look what the booklet for
Hex(755FC1) contains.

Hex(755FC1)	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(755FC1)

Conversions

Conversions Part 1

Format	Color
Hex	755FC1
RGB	117, 95, 193
RGB Percent	46%, 37%, 76%
CMY	0.5412, 0.6275, 0.2431
CMYK	0.39, 0.51, 0.00, 0.24
HSL	253°, 44%, 56%
HSV	253°, 51%, 76%
XYZ	21.0540, 15.8166, 52.3953
YIQ	112.7500, -18.3460, 35.1420

Conversions

Conversions Part 2

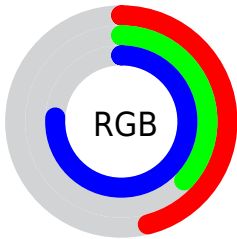
Format	Color
R_{YB}	117, 95, 193
Decimal	7692225
CIE _{Lab}	46.73, 32.13, -48.57
CIE _{LCh}	47, 58.232, 303.487
Yxy	15.8166, 0.2359, 0.1772
Android (android.graphics.Color)	4285882305 (0xFF755FC1)
YUV	112.7500, 39.5632, 3.7273
Hunter-Lab	39.7701, 24.8989, -50.2729

Details

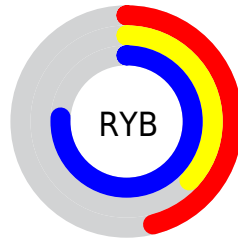
The Hex color **755FC1** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted purple. A complement of this color would be **ABC15F**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **AD92FA**, and **3E308B** is the 20% darker color. If you saturate the color by 10%, you get **664CC1**, and if you desaturate by 10%, it is **8472C1**.

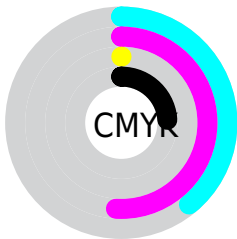
Distribution



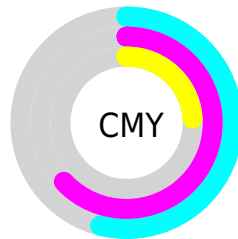
- Red (46%)
- Green (37%)
- Blue (76%)



- Red (46%)
- Yellow (37%)
- Blue (76%)



- Cyan (39%)
- Magenta (51%)
- Yellow (0%)
- Black (24%)



- Cyan (54%)
- Magenta (63%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 755FC1 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 755FC1 by changing the saturation by 10% instead.

■ 755FC1

■ 755FC1

FFFFFF

■ 5A47A5

■ AD92FA

■ 3E308B

■ C9ADFF

■ 211A71

■ E6C8FF

■ 000558

■ FFE4FF

■ 000040

■ 000329

■ 000112

■ 000000

■ 755FC1

■ 755FC1

664CC1

8472C1

5738C1

9386C1

4825C1

A299C1

3912C1

B1ACC1

2B00C1

C0C0C1

CFD3C1

DEE6C1

EDF9C1

FCFFC1

Harmonies

Analogous

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



0073D1



755FC1



AD479B

Triad

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



755FC1



A75C0D



008573

Complementary

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



755FC1



ABC15F

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.



008240



755FC1



806E00

Square

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



755FC1



C0453C



4E7B0D



0084A4

Rectangle

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



755FC1



C03C7C



4E7B0D



008462

Sweetspot

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



755FC1



DDD4FA



5FACC1



6C667D



FCFCFC



7D7D7D

Same Dimension

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



755FC1



8461FA



A55FC1



595761



2400A1



070021

Inverse Universe

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



C15FAB



FA61D8



7BC15F



61575F



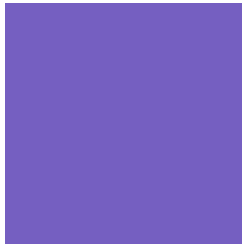
A1007D



21001A

Previews

White Background



This preview shows how the Hex color 755FC1 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

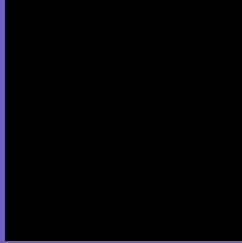
Any Text WCAG AA × Fail

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 755FC1 Background



This preview shows how black text looks on a background with the Hex color 755FC1.



This preview shows how white text looks on a background with the Hex color 755FC1.

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
647079

Trichromacy



Original Color
755FC1

Protanomaly
5167C9

Deuteranomaly
4C6ABE

Tritanomaly
6A6A93

Monochromacy



Original Color
755FC1

Achromatopsia
717171

Achromatomaly
726A8E

CSS Examples

Text

The CSS property to change the color of the text to Hex 755FC1 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 #755FC1 looks like.

```
.text, #text, p{  
    color:#755FC1  
}
```

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 #755FC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #755FC1
}
```

Border

The CSS property to change the border of an element to Hex 755FC1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

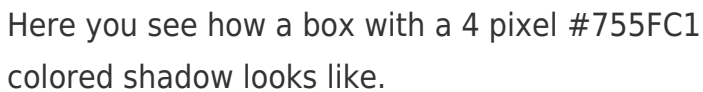
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#755FC1 }
```

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

```
.border{ border-color:#755FC1 }
```

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



Here you see how a box with a 4 pixel `#755FC1` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #755FC1; -webkit-box-shadow:4px 4px  
4px 4px #755FC1; box-shadow:4px 4px 4px  
4px #755FC1 }
```

Background

The CSS property to change the background color of an element to Hex 755FC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#755FC1 }
```

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

```
.background{ background-color:#755FC1 }
```

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