

Converting Colors

Hex(755FFE)

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

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Color

Hex(755FFE)

Conversions

Conversions Part 1

Format	Color
Hex	755FFE
RGB	117, 95, 254
RGB Percent	46%, 37%, 100%
CMY	0.5412, 0.6275, 0.0039
CMYK	0.54, 0.63, 0.00, 0.00
HSL	248°, 99%, 68%
HSV	248°, 63%, 100%
XYZ	29.3177, 19.1221, 95.9116
YIQ	119.7040, -37.9270, 54.1130

Conversions

Conversions Part 2

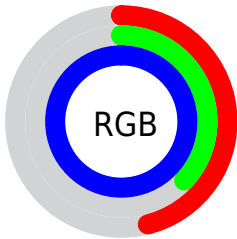
Format	Color
R _Y B	117, 95, 254
Decimal	7692286
CIE Lab	50.83, 49.77, -76.50
CIE LCh	51, 91.263, 303.050
Yxy	19.1221, 0.2031, 0.1325
Android (android.graphics.Color)	4285882366 (0xFF755FFE)
YUV	119.7040, 66.2079, -2.3714
Hunter-Lab	43.7288, 43.1489, -99.4323

Details

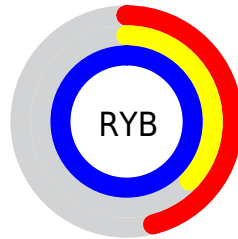
The Hex color **755FFE** is a light color, and the websafe version is hex **6666FF**. The color can be described as light muted purple. A complement of this color would be **E8FE5F**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **B393FF**, and **2E2FC4** is the 20% darker color. If you saturate the color by 10%, you get **5F46FE**, and if you desaturate by 10%, it is **8B78FE**.

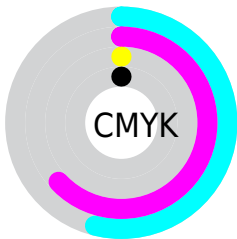
Distribution



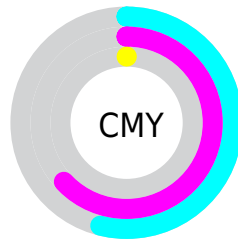
- Red (46%)
- Green (37%)
- Blue (100%)



- Red (46%)
- Yellow (37%)
- Blue (100%)



- Cyan (54%)
- Magenta (63%)
- Yellow (0%)
- Black (0%)



- Cyan (54%)
- Magenta (63%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 755FFE

 755FFE

FFFFFF

 5446E1

 B393FF

 2E2FC4

 D1AEFF

 0017A8

 F0C9FF

 00018D

 FFE6FF

 000072

 000559

 000740

 000329

 000113

■ 755FFE

■ 755FFE

■ 5F46FE

■ 8B78FE

■ 492CFE

■ A192FE

■ 3313FE

■ B7ABFE

■ 2300FE

■ CDC5FE

■ E2DEFE

■ F8F7FE

FFFFFE

Harmonies

Analogous

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



0082FF



755FFE



D818C1

Triad

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



755FFE



C95700



00987F

Complementary

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



75FFE



E8FE5F

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.



00942A



755FFE



8D7900

Square

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



755FFE



F10B29



358B00



0098CD

Rectangle

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



755FFE



F4008F



358B00



009764

Sweetspot

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



755FFE



D5CFFF



5FE9FE



666280



000000



808080

Same Dimension

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



755FFE



5A40FF



C45FFE



757380



1A00BF



090040

Inverse Universe

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



FE5FE8



FF40E5



99FE5F



80737E



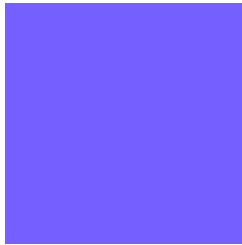
BF00A5



400037

Previews

White Background



This preview shows how the Hex color 755FFE looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

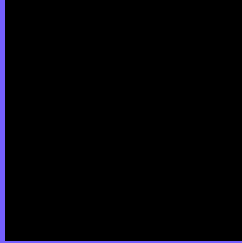
Any Text WCAG AA ✓ Pass

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 755FFE Background



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

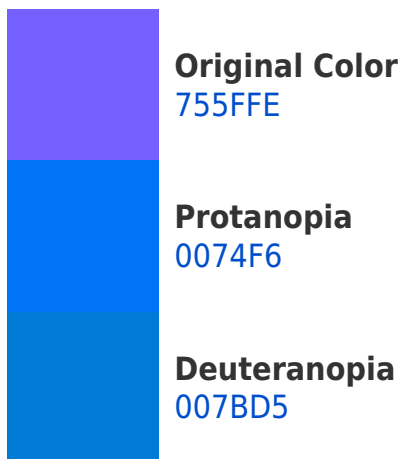


This preview shows how white text looks on a background with the Hex color 755FFE.

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
4E808B

Trichromacy



Original Color

755FFE



Protanomaly

2B6CF9



Deuteranomaly

2B71E4



Tritanomaly

5C74B5

Monochromacy



Original Color

755FFE



Achromatopsia

787878



Achromatomaly

776FA9

CSS Examples

Text

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

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

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 #755FFE colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 755FFE 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
#755FFE }
```

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

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

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

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

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

Background

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

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

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

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

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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