

Converting Colors

Hex(7C6FEB)

Have a look what the booklet for
Hex(7C6FEB) contains.

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Color

Hex(7C6FEB)

Conversions

Conversions Part 1

Format	Color
Hex	7C6FEB
RGB	124, 111, 235
RGB Percent	49%, 44%, 92%
CMY	0.5137, 0.5647, 0.0784
CMYK	0.47, 0.53, 0.00, 0.08
HSL	246°, 76%, 68%
HSV	246°, 53%, 92%
XYZ	28.9920, 21.6521, 81.2485
YIQ	129.0230, -32.0560, 41.3200

Conversions

Conversions Part 2

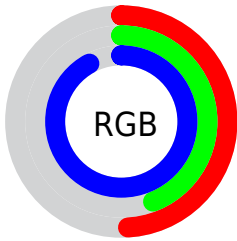
Format	Color
RYB	124, 111, 235
Decimal	8155115
CIELab	53.66, 36.34, -61.31
CIELCh	54, 71.267, 300.654
Yxy	21.6521, 0.2198, 0.1642
Android (android.graphics.Color)	4286345195 (0xFF7C6FEB)
YUV	129.0230, 52.2467, -4.4052
Hunter-Lab	46.5318, 29.7850, -70.9530

Details

The Hex color **7C6FEB** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **DEEB6F**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **B6A3FF**, and **403FB2** is the 20% darker color. If you saturate the color by 10%, you get **6758EB**, and if you desaturate by 10%, it is **9187EB**.

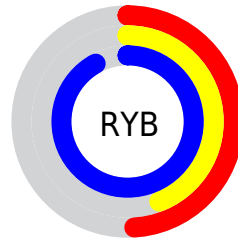
Distribution



Red (49%)

Green (44%)

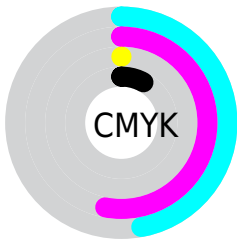
Blue (92%)



Red (49%)

Yellow (44%)

Blue (92%)

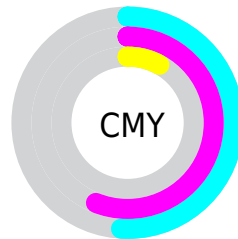


Cyan (47%)

Magenta (53%)

Yellow (0%)

Black (8%)



Cyan (51%)

Magenta (56%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C6FEB 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 7C6FEB by changing the saturation by 10% instead.

 7C6FEB

 7C6FEB

FFFFFF

 5F56CE

 B6A3FF

 403FB2

 D4BEFF

 192897

 F2DAFF

 00147C

 FFF7FF

 000063

 00024A

 000432

 00021C

 000000

■ 7C6FEB

■ 7C6FEB

■ 6758EB

■ 9187EB

■ 5240EB

■ A69EEB

■ 3D29EB

■ BBB6EB

■ 2811EB

■ D0CDEB

■ 1900EB

■ E5E4EB

■ FAFCEB

■ FFFFEB

Harmonies

Analogous

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



0088FC



7C6FEB



C94EBE

Triad

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



7C6FEB



C96500



009B80

Complementary

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



7C6FEB



DEEB6F

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.



00973F



7C6FEB



997E00

Square

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



7C6FEB



E64646



5C8E00



009BBE

Rectangle

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



7C6FEB



E33B96



5C8E00



009A6A

Sweetspot

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



7C6FEB



DAD6FF



6FDFEB



6A6780



000000



808080

Same Dimension

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



7C6FEB



6F5EFF



B96FEB



6B6A75



1300B5



060036

Inverse Universe

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



EB6FDE



FF5EEE



A1EB6F



756A74



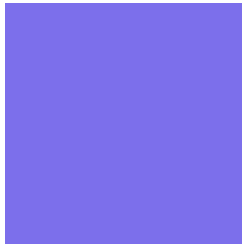
B500A2



360030

Previews

White Background



This preview shows how the Hex color 7C6FEB looks on a white background.

Color Contrast Check

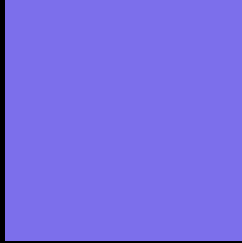
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color 7C6FEB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

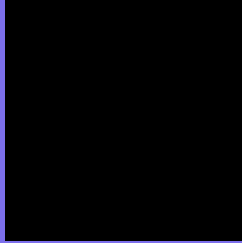
Any Text WCAG AA ✓ Pass

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 7C6FEB Background



This preview shows how black text looks on a background with the Hex color 7C6FEB.



This preview shows how white text looks on a background with the Hex color 7C6FEB.

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](#).

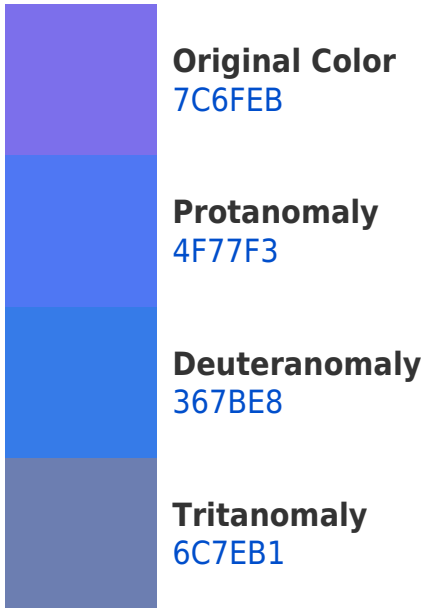
Dichromacy



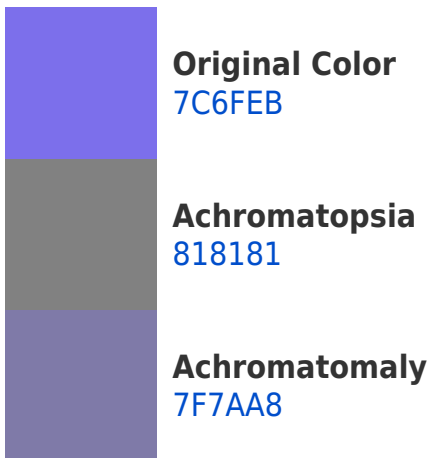


Tritanopia
638690

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7C6FEB 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 #7C6FEB looks like.

```
.text, #text, p{  
    color:#7C6FEB  
}
```

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 #7C6FEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C6FEB
}
```

Border

The CSS property to change the border of an element to Hex 7C6FEB 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
#7C6FEB }
```

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

```
.border{ border-color:#7C6FEB }
```

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

Here you see how a box with a 4 pixel #7C6FEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C6FEB; -webkit-box-shadow:4px 4px  
4px 4px #7C6FEB; box-shadow:4px 4px 4px  
4px #7C6FEB }
```

Background

The CSS property to change the background color of an element to Hex 7C6FEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C6FEB }
```

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

```
.background{ background-color:#7C6FEB }
```

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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