

Converting Colors

Hex(7F6CEB)

Have a look what the booklet for
Hex(7F6CEB) contains.

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Color

Hex(7F6CEB)

Conversions

Conversions Part 1

Format	Color
Hex	7F6CEB
RGB	127, 108, 235
RGB Percent	50%, 42%, 92%
CMY	0.5020, 0.5765, 0.0784
CMYK	0.46, 0.54, 0.00, 0.08
HSL	249°, 76%, 67%
HSV	249°, 54%, 92%
XYZ	29.1104, 21.2353, 81.1618
YIQ	128.1590, -29.4430, 43.5250

Conversions

Conversions Part 2

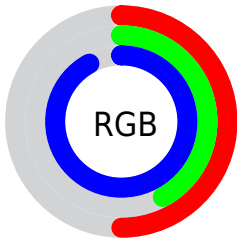
Format	Color
R_{YB}	127, 108, 235
Decimal	8350955
CIE _{Lab}	53.21, 38.73, -62.02
CIE _{LCh}	53, 73.120, 301.985
Yxy	21.2353, 0.2214, 0.1615
Android (android.graphics.Color)	4286541035 (0xFF7F6CEB)
YUV	128.1590, 52.6726, -1.0164
Hunter-Lab	46.0818, 32.1172, -72.1676

Details

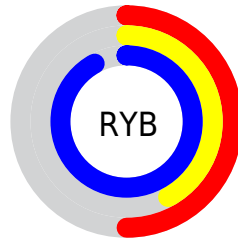
The Hex color **7F6CEB** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **D8EB6C**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **B9A0FF**, and **433CB2** is the 20% darker color. If you saturate the color by 10%, you get **6B55EB**, and if you desaturate by 10%, it is **9384EB**.

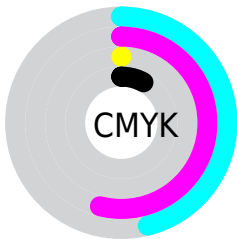
Distribution



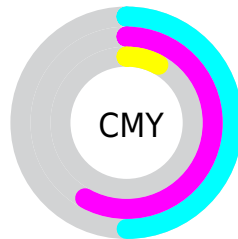
- Red (50%)
- Green (42%)
- Blue (92%)



- Red (50%)
- Yellow (42%)
- Blue (92%)



- Cyan (46%)
- Magenta (54%)
- Yellow (0%)
- Black (8%)



- Cyan (50%)
- Magenta (58%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F6CEB 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 7F6CEB by changing the saturation by 10% instead.

 7F6CEB

 7F6CEB

FFFFFF

 6253CE

 B9A0FF

 433CB2

 D7BBFF

 1F2597

 F5D7FF

 00107C

 FFF4FF

 000063

 00014A

 000432

 00021C

 000000

 7F6CEB

 7F6CEB

 6B55EB

 9384EB

 573DEB

 A79BEB

 4325EB

 BBB3EB

 2F0EEB

 CFCAEB

 2300EB

 E3E2EB

 F7F9EB

 FFFFEB

Harmonies

Analogous

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



0086FE



7F6CEB



CC49BB

Triad

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



7F6CEB



C76400



009A82

Complementary

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



7F6CEB



D8EB6C

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



7F6CEB



967E00

Square

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



7F6CEB



E64340



558E00



009AC1

Rectangle

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



7F6CEB



E53593



558E00



00996C

Sweetspot

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



7F6CEB



DCD6FF



6CDAEB



6B6780



000000



808080

Same Dimension

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



7F6CEB



7259FF



BC6CEB



6B6A75



1B00B5



080036

Inverse Universe

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



EB6CD8



FF59E6



9BEB6C



756A74



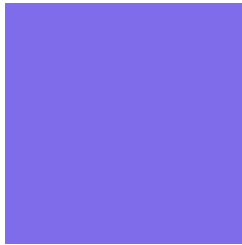
B5009A



36002E

Previews

White Background



This preview shows how the Hex color 7F6CEB looks on a white background.

Color Contrast Check

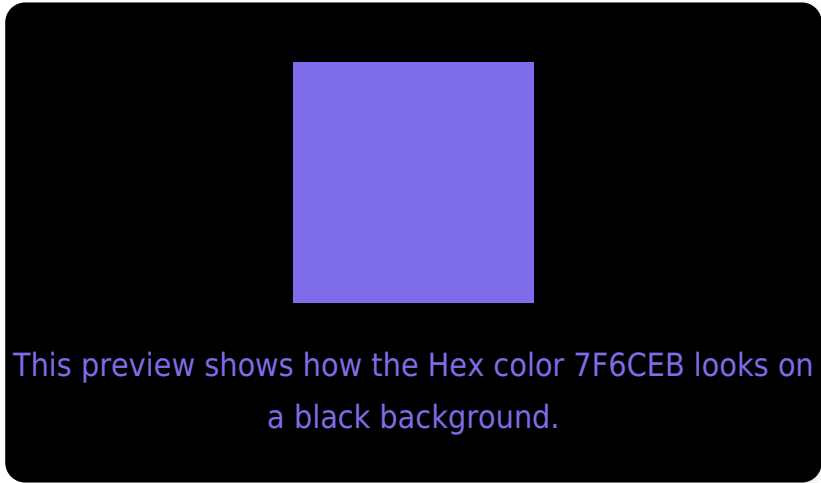
Large Text (above 18pt) WCAG AA ✓ Pass

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

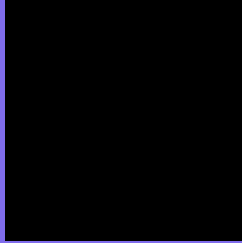
Any Text WCAG AA ✓ Pass

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 7F6CEB Background



This preview shows how black text looks on a background with the Hex color 7F6CEB.

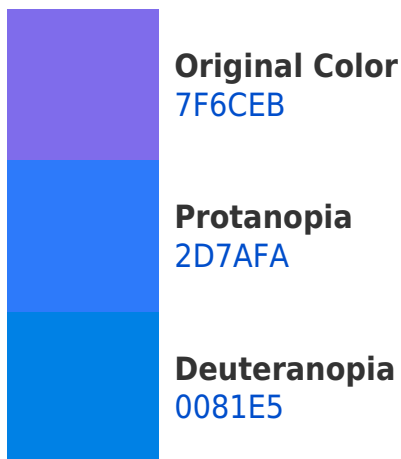


This preview shows how white text looks on a background with the Hex color 7F6CEB.

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
66848E

Trichromacy



Original Color
7F6CEB



Protanomaly
4B75F5



Deuteranomaly
2E79E7



Tritanomaly
6F7BB0

Monochromacy



Original Color
7F6CEB



Achromatopsia
808080



Achromatomaly
8079A7

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F6CEB 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 #7F6CEB looks like.

```
.text, #text, p{  
    color:#7F6CEB  
}
```

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 #7F6CEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F6CEB
}
```

Border

The CSS property to change the border of an element to Hex 7F6CEB 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
#7F6CEB }
```

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

```
.border{ border-color:#7F6CEB }
```

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

Here you see how a box with a 4 pixel #7F6CEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F6CEB; -webkit-box-shadow:4px 4px  
4px 4px #7F6CEB; box-shadow:4px 4px 4px  
4px #7F6CEB }
```

Background

The CSS property to change the background color of an element to Hex 7F6CEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F6CEB }
```

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

```
.background{ background-color:#7F6CEB }
```

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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