

Converting Colors

Hex(C47FE6)

Have a look what the booklet for
Hex(C47FE6) contains.

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Color

Hex(C47FE6)

Conversions

Conversions Part 1

Format	Color
Hex	C47FE6
RGB	196, 127, 230
RGB Percent	77%, 50%, 90%
CMY	0.2314, 0.5020, 0.0980
CMYK	0.15, 0.45, 0.00, 0.10
HSL	280°, 67%, 70%
HSV	280°, 45%, 90%
XYZ	44.6372, 32.6277, 78.8080
YIQ	159.3730, 8.0610, 46.6610

Conversions

Conversions Part 2

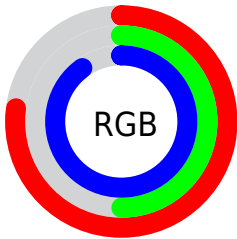
Format	Color
R_{YB}	196, 127, 230
Decimal	12877798
CIE _{Lab}	63.86, 44.43, -41.88
CIE _{LCh}	64, 61.060, 316.691
Yxy	32.6277, 0.2860, 0.2091
Android (android.graphics.Color)	4291067878 (0xFFC47FE6)
YUV	159.3730, 34.8191, 32.1219
Hunter-Lab	57.1206, 39.5287, -41.8166

Details

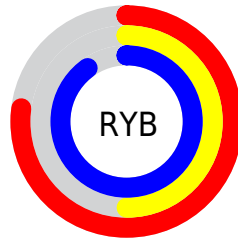
The Hex color **C47FE6** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **A1E67F**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FEB5FF**, and **8C4BAE** is the 20% darker color. If you saturate the color by 10%, you get **BC68E6**, and if you desaturate by 10%, it is **CC96E6**.

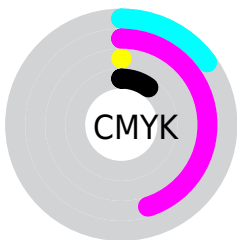
Distribution



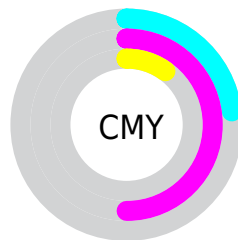
- Red (77%)
- Green (50%)
- Blue (90%)



- Red (77%)
- Yellow (50%)
- Blue (90%)



- Cyan (15%)
- Magenta (45%)
- Yellow (0%)
- Black (10%)



- Cyan (23%)
- Magenta (50%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color C47FE6 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 C47FE6 by changing the saturation by 10% instead.

 C47FE6

 C47FE6

FFFFFF

 A865CA

 FEB5FF

 8C4BAE

 FFD1FF

 713293

 FFEEFF

 571879

 3D0060

 240047

 010030

 00011A

 000000

 C47FE6

 C47FE6

 BC68E6

 CC96E6

 B551E6

 D3ADE6

 AD3AE6

 DBC4E6

 A623E6

 E2DBE6

 9E0CE6

 EAF2E6

 9A00E6

 F2FFE6

 F9FFE6

 FFFFE6

Harmonies

Analogous

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



6D96FF



C47FE6



F16BB5

Triad

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



C47FE6



CB8F29



00B5B8

Complementary

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



C47FE6



A1E67F

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.



00B380



C47FE6



9AA126

Square

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



C47FE6



EF794D



5AAD4C



00B2E9

Rectangle

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



C47FE6



FD6791



5AAD4C



00B5A6

Sweetspot

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



C47FE6



F4DEFF



7FA1E6



796B80



000000



808080

Same Dimension

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



C47FE6



D275FF



E67FD5



6F6773



7800B3



220033

Inverse Universe

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



E67FA1



FF75A3



7FE690



73676B



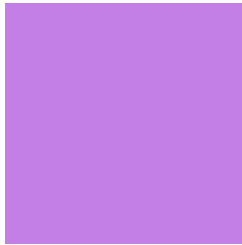
B3003B



330011

Previews

White Background



This preview shows how the Hex color C47FE6 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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

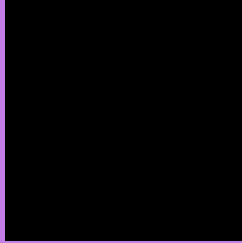
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex C47FE6 Background



This preview shows how black text looks on a background with the Hex color C47FE6.

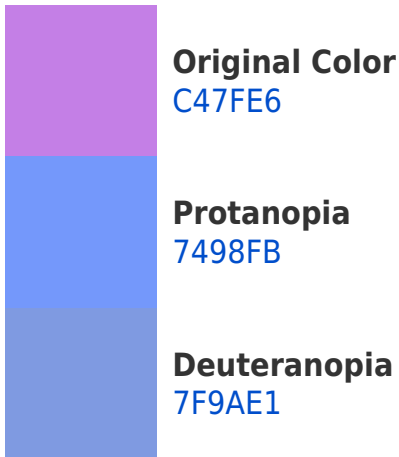


This preview shows how white text looks on a background with the Hex color C47FE6.

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](#).

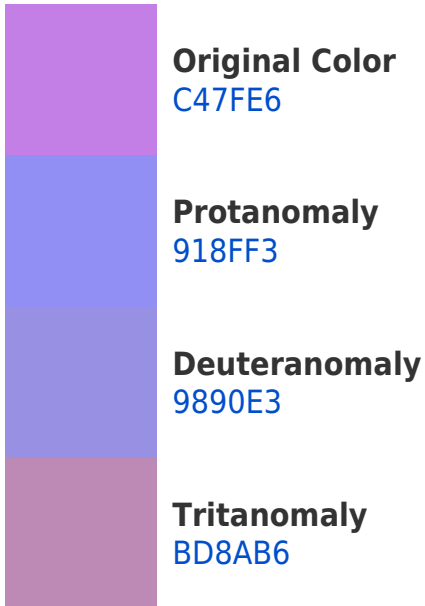
Dichromacy



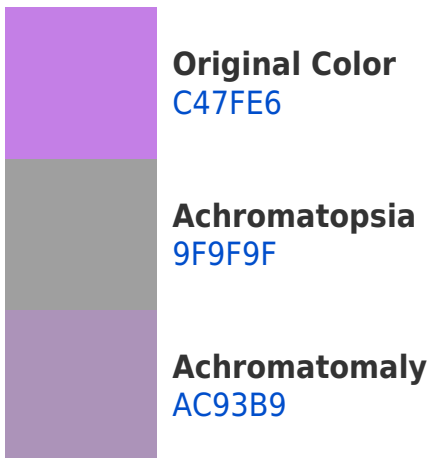


Tritanopia
B9909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C47FE6 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 #C47FE6 looks like.

```
.text, #text, p{  
    color:#C47FE6  
}
```

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 #C47FE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C47FE6
}
```

Border

The CSS property to change the border of an element to Hex C47FE6 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
#C47FE6 }
```

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

```
.border{ border-color:#C47FE6 }
```

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

Here you see how a box with a 4 pixel #C47FE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C47FE6; -webkit-box-shadow:4px 4px  
4px 4px #C47FE6; box-shadow:4px 4px 4px  
4px #C47FE6 }
```

Background

The CSS property to change the background color of an element to Hex C47FE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C47FE6 }
```

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

```
.background{ background-color:#C47FE6 }
```

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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