

Converting Colors

Hex(C876FF)

Have a look what the booklet for
Hex(C876FF) contains.

Hex(C876FF)	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(C876FF)

Conversions

Conversions Part 1

Format	Color
Hex	C876FF
RGB	200, 118, 255
RGB Percent	78%, 46%, 100%
CMY	0.2157, 0.5373, 0.0000
CMYK	0.22, 0.54, 0.00, 0.00
HSL	276°, 100%, 73%
HSV	276°, 54%, 100%
XYZ	48.3479, 32.4562, 98.3242
YIQ	158.1360, 4.8950, 59.9910

Conversions

Conversions Part 2

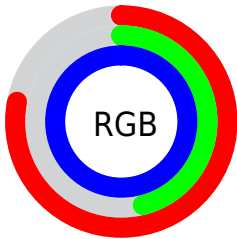
Format	Color
R _Y B	200, 118, 255
Decimal	13137663
CIE Lab	63.72, 55.52, -55.87
CIE LCh	64, 78.764, 314.820
Yxy	32.4562, 0.2699, 0.1812
Android (android.graphics.Color)	4291327743 (0xFFC876FF)
YUV	158.1360, 47.7540, 36.7147
Hunter-Lab	56.9704, 51.7857, -62.4484

Details

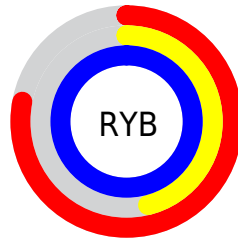
The Hex color **C876FF** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **ADFF76**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFADFF**, and **8F41C6** is the 20% darker color. If you saturate the color by 10%, you get **BE5DFF**, and if you desaturate by 10%, it is **D290FF**.

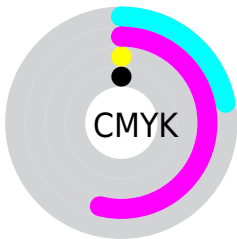
Distribution



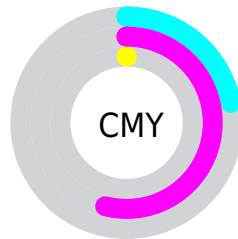
- Red (78%)
- Green (46%)
- Blue (100%)



- Red (78%)
- Yellow (46%)
- Blue (100%)



- Cyan (22%)
- Magenta (54%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (54%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color C876FF 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 C876FF by changing the saturation by 10% instead.

 C876FF

 C876FF

FFFFFF

 AB5BE2

 FFADFF

 8F41C6

 FFC9FF

 7326AA

 FFE6FF

 57018F

 3B0074

 1E005B

 000043

 00032B

 000116

 C876FF

 C876FF

 BE5DFF

 D290FF

 B443FF

 DCA9FF

 A92AFF

 E7C3FF

 9F10FF

 F1DCFF

 9900FF

 FBF6FF

FFFFFF

Harmonies

Analogous

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



2D97FF



C876FF



FF53C1

Triad

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



C876FF



D78A00



00BABC

Complementary

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



C876FF



ADFF76

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.



00B873



C876FF



99A200

Square

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



C876FF



FF6938



41B029



00B7FC

Rectangle

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



C876FF



FF4992



41B029



00BAA4

Sweetspot

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



C876FF



EFD6FF



76AFFF



766780



000000



808080

Same Dimension

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



C876FF



BD5CFF



FF76F4



7A7380



7200BF



260040

Inverse Universe

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



FF76AD



FF5C9D



76FF81



807378



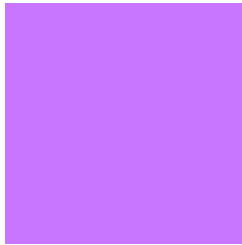
BF004D



40001A

Previews

White Background



This preview shows how the Hex color C876FF 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

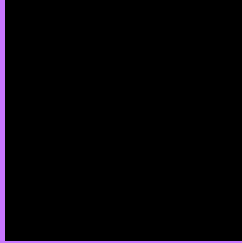
Any Text WCAG AA ✓ Pass

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 C876FF Background



This preview shows how black text looks on a background with the Hex color C876FF.



This preview shows how white text looks on a background with the Hex color C876FF.

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](#).

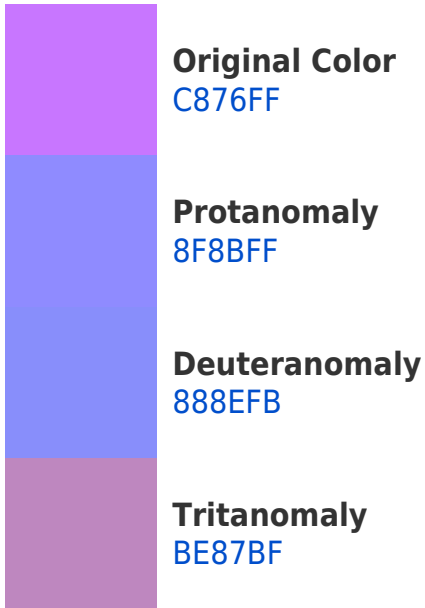
Dichromacy



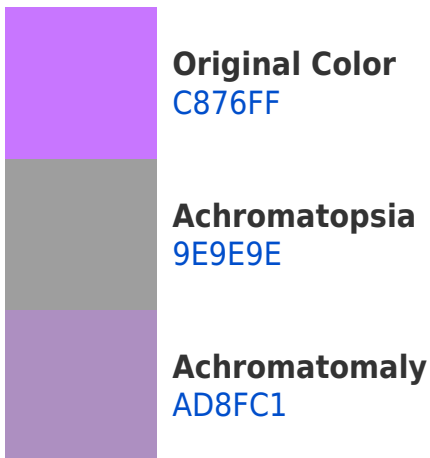


Tritanopia
B8909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C876FF 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 #C876FF looks like.

```
.text, #text, p{  
    color:#C876FF  
}
```

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 #C876FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C876FF
}
```

Border

The CSS property to change the border of an element to Hex C876FF 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
#C876FF }
```

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

```
.border{ border-color:#C876FF }
```

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

Here you see how a box with a 4 pixel #C876FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C876FF; -webkit-box-shadow:4px 4px  
4px 4px #C876FF; box-shadow:4px 4px 4px  
4px #C876FF }
```

Background

The CSS property to change the background color of an element to Hex C876FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C876FF }
```

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

```
.background{ background-color:#C876FF }
```

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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