

Converting Colors

Hex(C306F9)

Have a look what the booklet for
Hex(C306F9) contains.

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Color

Hex(C306F9)

Conversions

Conversions Part 1

Format	Color
Hex	C306F9
RGB	195, 6, 249
RGB Percent	76%, 2%, 98%
CMY	0.2353, 0.9765, 0.0235
CMYK	0.22, 0.98, 0.00, 0.02
HSL	287°, 95%, 50%
HSV	287°, 98%, 98%
XYZ	39.6697, 18.5719, 91.1164
YIQ	90.2130, 34.6410, 115.6410

Conversions

Conversions Part 2

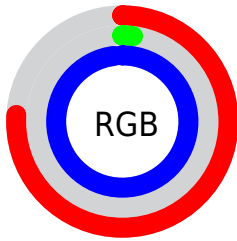
Format	Color
RYB	195, 6, 249
Decimal	12781305
CIELab	50.18, 88.39, -74.36
CIElCh	50, 115.510, 319.926
Yxy	18.5719, 0.2656, 0.1243
Android (android.graphics.Color)	4290971385 (0xFFC306F9)
YUV	90.2130, 78.2820, 91.8982
Hunter-Lab	43.0951, 88.8953, -95.1908

Details

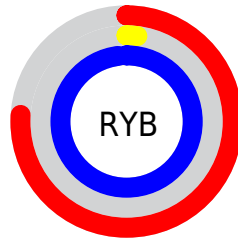
The Hex color **C306F9** is a light color, and the websafe version is hex **CC00FF**. The color can be described as light saturated magenta. A complement of this color would be **3CF906**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **FF5FFF**, and **8700BF** is the 20% darker color. If you saturate the color by 10%, you get **C200F9**, and if you desaturate by 10%, it is **C91FF9**.

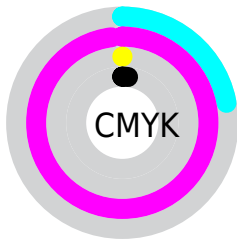
Distribution



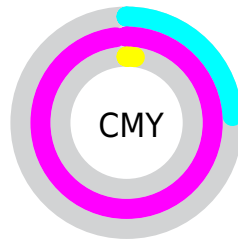
- Red (76%)
- Green (2%)
- Blue (98%)



- Red (76%)
- Yellow (2%)
- Blue (98%)



- Cyan (22%)
- Magenta (98%)
- Yellow (0%)
- Black (2%)



- Cyan (24%)
- Magenta (98%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color C306F9 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 C306F9 by changing the saturation by 10% instead.

 C306F9

 C306F9

FFFFFF

 A500DC

 FF5FFF

 8700BF

 FF7EFF

 6800A3

 FF9DFF

 490088

 FFBBFF

 2B006E

 FFD9FF

 000054

 FFF7FF

 00033C

 000225

 00010E

 C306F9

 C306F9

 C200F9

 C91FF9

 CE38F9

 D451F9

 D96AF9

 DF83F9

 E49BF9

 EAB4F9

 EFCDF9

 F5E6F9

Harmonies

Analogous

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



006FFF



C306F9



FF009D

Triad

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



C306F9



AD6800



009BB9

Complementary

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



C306F9



3CF906

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.



009852



C306F9



508600

Square

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



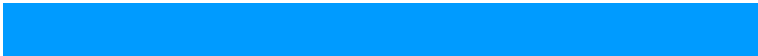
C306F9



EF1100



009300



009BFF

Rectangle

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



C306F9



FF005D



009300



009A97

Sweetspot

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



C306F9



EFB5FF



063FF9



765380



000000



808080

Same Dimension

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



C306F9



C600FF



F906B8



7A707D



9300BD



30003D

Inverse Universe

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



F9063C



FF0039



06F947



7D7073



BD002A



3D000E

Previews

White Background



This preview shows how the Hex color C306F9 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 C306F9 Background



This preview shows how black text looks on a background with the Hex color C306F9.



This preview shows how white text looks on a background with the Hex color C306F9.

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
AE6269

Trichromacy



Original Color
C306F9



Protanomaly
474CF6



Deuteranomaly
4750E3



Tritanomaly
B6419D

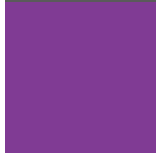
Monochromacy



Original Color
C306F9



Achromatopsia
5A5A5A



Achromatomaly
803B94

CSS Examples

Text

The CSS property to change the color of the text to Hex C306F9 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 #C306F9 looks like.

```
.text, #text, p{  
    color:#C306F9  
}
```

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 #C306F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C306F9
}
```

Border

The CSS property to change the border of an element to Hex C306F9 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
#C306F9 }
```

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

```
.border{ border-color:#C306F9 }
```

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

Here you see how a box with a 4 pixel #C306F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C306F9; -webkit-box-shadow:4px 4px  
4px 4px #C306F9; box-shadow:4px 4px 4px  
4px #C306F9 }
```

Background

The CSS property to change the background color of an element to Hex C306F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C306F9 }
```

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

```
.background{ background-color:#C306F9 }
```

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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