

Converting Colors

Hex(C336F0)

Have a look what the booklet for
Hex(C336F0) contains.

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Color

Hex(C336F0)

Conversions

Conversions Part 1

Format	Color
Hex	C336F0
RGB	195, 54, 240
RGB Percent	76%, 21%, 94%
CMY	0.2353, 0.7882, 0.0588
CMYK	0.19, 0.78, 0.00, 0.06
HSL	285°, 86%, 58%
HSV	285°, 78%, 94%
XYZ	39.5530, 20.5317, 84.3164
YIQ	117.3630, 24.3300, 87.7380

Conversions

Conversions Part 2

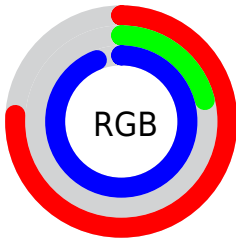
Format	Color
R _Y B	195, 54, 240
Decimal	12793584
CIE Lab	52.43, 78.32, -65.67
CIE LCh	52, 102.212, 320.021
Yxy	20.5317, 0.2739, 0.1422
Android (android.graphics.Color)	4290983664 (0xFFC336F0)
YUV	117.3630, 60.4600, 68.0876
Hunter-Lab	45.3119, 76.5177, -78.6085

Details

The Hex color **C336F0** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **63F036**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **FF74FF**, and **8800B7** is the 20% darker color. If you saturate the color by 10%, you get **BD1EF0**, and if you desaturate by 10%, it is **C94EF0**.

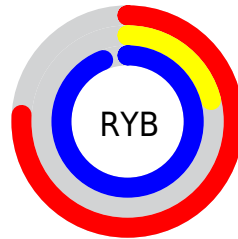
Distribution



Red (76%)

Green (21%)

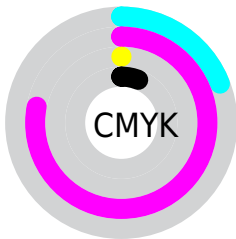
Blue (94%)



Red (76%)

Yellow (21%)

Blue (94%)

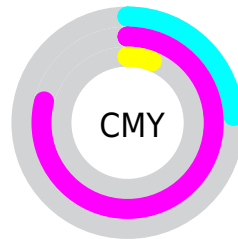


Cyan (19%)

Magenta (78%)

Yellow (0%)

Black (6%)



Cyan (24%)

Magenta (79%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color C336F0 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 C336F0 by changing the saturation by 10% instead.

 C336F0

FFFFFF

 FF74FF

 FF91FF

 FFAEFF

 FFCCFF

 FFEAFF

 C336F0

 A502D3

 8800B7

 6B009B

 4D0080

 300067

 07004D

 000335

 00021F

 000002

 C336F0

 C336F0

 BD1EF0

 C94EF0

 B706F0

 CF66F0

 B600F0

 D47EF0

 DA96F0

 E0AEF0

 E6C6F0

 ECDEF0

 F1F6F0

 F7FFF0

Harmonies

Analogous

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



0074FF



C336F0



FF009E

Triad

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



C336F0



B16F00



009FB8

Complementary

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



C336F0



63F036

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.



009D5C



C336F0



608A00

Square

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



C336F0



EC3800



009700



009DFF

Rectangle

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



C336F0



FF0065



009700



009F9A

Sweetspot

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



C336F0



F1C4FF



3664F0



775C80



000000



808080

Same Dimension

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



C336F0



C612FF



F036C2



756C78



8B00B8



2B0038

Inverse Universe

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



F03663



FF124B



36F064



786C6F



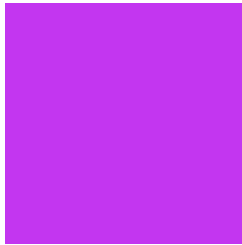
B8002C



38000E

Previews

White Background



This preview shows how the Hex color C336F0 looks on a white background.

Color Contrast Check

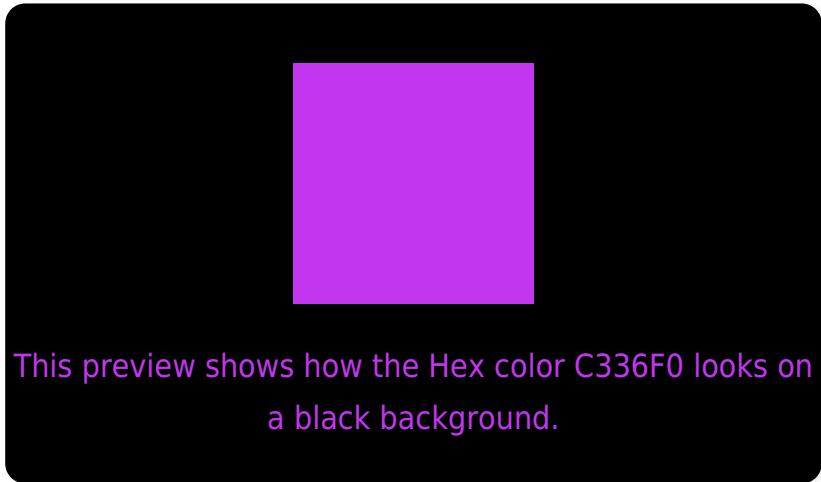
Large Text (above 18pt) WCAG AA ✓ Pass

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

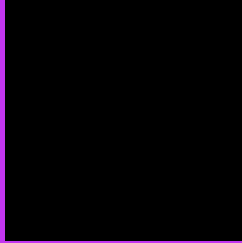
Any Text WCAG AA ✓ Pass

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 C336F0 Background



This preview shows how black text looks on a background with the Hex color C336F0.



This preview shows how white text looks on a background with the Hex color C336F0.

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
B06870

Trichromacy



Original Color
C336F0



Protanomaly
5061FA



Deuteranomaly
4765E7



Tritanomaly
B7569F

Monochromacy



Original Color
C336F0



Achromatopsia
757575



Achromatomaly
915EA2

CSS Examples

Text

The CSS property to change the color of the text to Hex C336F0 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 #C336F0 looks like.

```
.text, #text, p{  
    color:#C336F0  
}
```

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 #C336F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C336F0
}
```

Border

The CSS property to change the border of an element to Hex C336F0 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
#C336F0 }
```

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

```
.border{ border-color:#C336F0 }
```

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

Here you see how a box with a 4 pixel #C336F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C336F0; -webkit-box-shadow:4px 4px  
4px 4px #C336F0; box-shadow:4px 4px 4px  
4px #C336F0 }
```

Background

The CSS property to change the background color of an element to Hex C336F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C336F0 }
```

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

```
.background{ background-color:#C336F0 }
```

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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