

Converting Colors

Hex(340FD0)

Have a look what the booklet for
Hex(340FD0) contains.

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Color

Hex(340FD0)

Conversions

Conversions Part 1

Format	Color
Hex	340FD0
RGB	52, 15, 208
RGB Percent	20%, 6%, 82%
CMY	0.7961, 0.9412, 0.1843
CMYK	0.75, 0.93, 0.00, 0.18
HSL	252°, 87%, 44%
HSV	252°, 93%, 82%
XYZ	12.9722, 5.6258, 60.0767
YIQ	48.0650, -39.9010, 67.8670

Conversions

Conversions Part 2

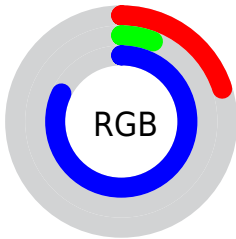
Format	Color
RYB	52, 15, 208
Decimal	3411920
CIELab	28.45, 65.85, -87.40
CIELCh	28, 109.430, 306.992
Yxy	5.6258, 0.1649, 0.0715
Android (android.graphics.Color)	4281602000 (0xFF340FD0)
YUV	48.0650, 78.8480, 3.4510
Hunter-Lab	23.7187, 56.1168, -133.5714

Details

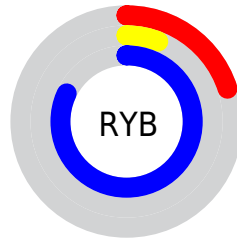
The Hex color **340FD0** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **ABD00F**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **7D49FF**, and **000098** is the 20% darker color. If you saturate the color by 10%, you get **2800D0**, and if you desaturate by 10%, it is **4524D0**.

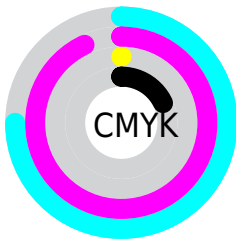
Distribution



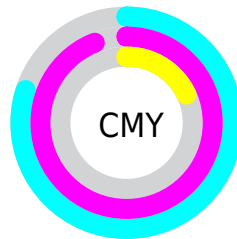
- Red (20%)
- Green (6%)
- Blue (82%)



- Red (20%)
- Yellow (6%)
- Blue (82%)



- Cyan (75%)
- Magenta (93%)
- Yellow (0%)
- Black (18%)



- Cyan (80%)
- Magenta (94%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 340FD0 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 340FD0 by changing the saturation by 10% instead.

 340FD0

 340FD0

FFFFFF

 0000B4

 7D49FF

 000098

 9D64FF

 00007D

 BC7EFF

 000363

 DC9AFF

 00094A

 FBB6FF

 000432

 FFD2FF

 00021C

 FFEFFF

 000000

 340FD0

 340FD0

■ 2800D0

■ 4524D0

■ 5639D0

■ 664DD0

■ 7762D0

■ 8877D0

■ 998CD0

■ AAA1D0

■ BAB5D0

■ CBCAD0

Harmonies

Analogous

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



004FF4



340FD0



AC0087

Triad

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



340FD0



841B00



005C56

Complementary

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



340FD0



ABD00F

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.



005900



340FD0



414700

Square

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



340FD0



B30000



005500



005FAB

Rectangle

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



340FD0



C30050



005500



005B38

Sweetspot

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



340FD0



C5B8FF



0FADD0



5C5480



000000



808080

Same Dimension

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



340FD0



3100FF



930FD0



605E69



2000A8



080029

Inverse Universe

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



D00FAB



FF00CE



4CD00F



695E67



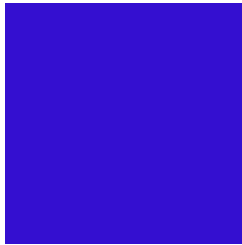
A80088



290021

Previews

White Background



This preview shows how the Hex color 340FD0 looks on a white background.

Color Contrast Check

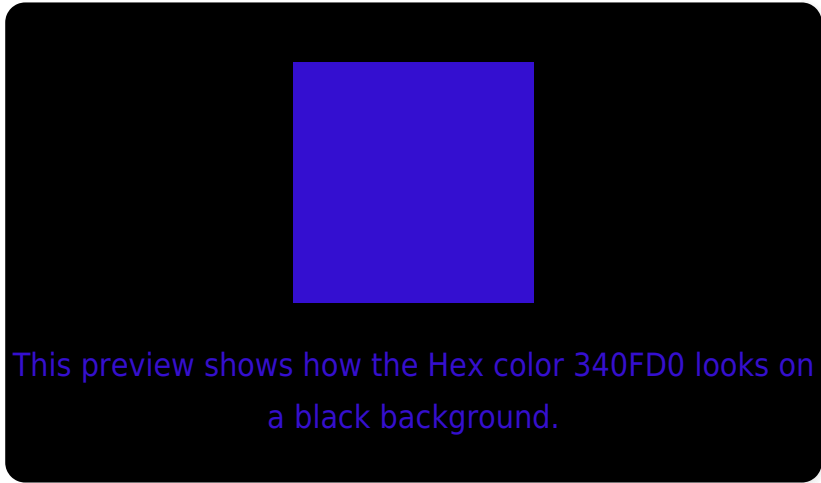
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

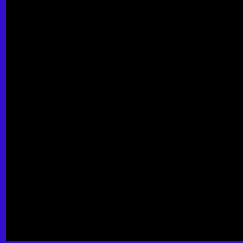
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 340FD0 Background



This preview shows how black text looks on a background with the Hex color 340FD0.



This preview shows how white text looks on a background with the Hex color 340FD0.

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



Original Color

340FD0

Protanopia

004189

Deuteranopia

004674



Tritanopia
004B4F

Trichromacy



Original Color
340FD0

Protanomaly
132FA3

Deuteranomaly
133295

Tritanomaly
13357E

Monochromacy



Original Color
340FD0

Achromatopsia
303030

Achromatomaly
31246A

CSS Examples

Text

The CSS property to change the color of the text to Hex 340FD0 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 #340FD0 looks like.

```
.text, #text, p{  
    color:#340FD0  
}
```

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 #340FD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #340FD0
}
```

Border

The CSS property to change the border of an element to Hex 340FD0 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
#340FD0 }
```

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

```
.border{ border-color:#340FD0 }
```

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

Here you see how a box with a 4 pixel #340FD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #340FD0; -webkit-box-shadow:4px 4px  
4px 4px #340FD0; box-shadow:4px 4px 4px  
4px #340FD0 }
```

Background

The CSS property to change the background color of an element to Hex 340FD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#340FD0 }
```

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

```
.background{ background-color:#340FD0 }
```

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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