

Converting Colors

Hex(347FF2)

Have a look what the booklet for
Hex(347FF2) contains.

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Color

Hex(347FF2)

Conversions

Conversions Part 1

Format	Color
Hex	347FF2
RGB	52, 127, 242
RGB Percent	20%, 50%, 95%
CMY	0.7961, 0.5020, 0.0510
CMYK	0.79, 0.48, 0.00, 0.05
HSL	216°, 88%, 58%
HSV	216°, 79%, 95%
XYZ	25.0326, 22.3196, 86.9932
YIQ	117.6850, -81.6150, 19.8650

Conversions

Conversions Part 2

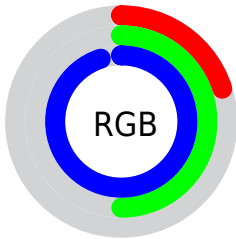
Format	Color
R _Y B	52, 106, 242
Decimal	3440626
CIE Lab	54.36, 17.20, -64.26
CIE LCh	54, 66.528, 284.986
Yxy	22.3196, 0.1863, 0.1661
Android (android.graphics.Color)	4281630706 (0xFF347FF2)
YUV	117.6850, 61.2873, -57.6057
Hunter-Lab	47.2436, 11.9038, -76.1045

Details

The Hex color **347FF2** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **F2A734**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **7EB3FF**, and **004FB9** is the 20% darker color. If you saturate the color by 10%, you get **1C70F2**, and if you desaturate by 10%, it is **4C8EF2**.

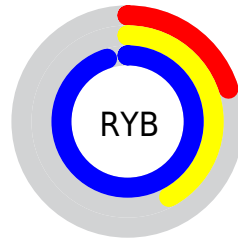
Distribution



Red (20%)

Green (50%)

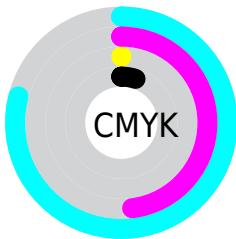
Blue (95%)



Red (20%)

Yellow (42%)

Blue (95%)

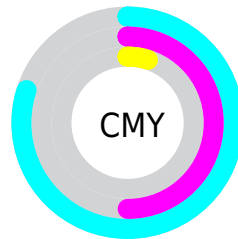


Cyan (79%)

Magenta (48%)

Yellow (0%)

Black (5%)



Cyan (80%)

Magenta (50%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 347FF2 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 347FF2 by changing the saturation by 10% instead.

 347FF2

 347FF2

FFFFFF

 0066D5

 7EB3FF

 004FB9

 9ECEFF

 00399D

 BDEAFF

 002583

 DCFFFF


 001269

 FBFFFF

 000A50

 000538

 000221

 000007

■ 347FF2

■ 347FF2

■ 1C70F2

■ 4C8EF2

■ 0462F2

■ 649CF2

■ 0060F2

■ 7DABF2

■ 95BAF2

■ ADC8F2

■ C5D7F2

■ DDE6F2

■ F6F4F2

■ FFFFF2

Harmonies

Analogous

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



0091F2



347FF2



A865D4

Triad

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



347FF2



D85B32



009A62

Complementary

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



347FF2



F2A734

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.



3B9427



347FF2



B47500

Square

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



347FF2



E84568



818800



009C9E

Rectangle

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



347FF2



CE52B4



818800



00994E

Sweetspot

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



347FF2



C2DAFF



34F2A6



5B6980



000000



808080

Same Dimension

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



347FF2



0F6EFF



4734F2



6C7178



0048B8



001638

Inverse Universe

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



F2347F



FF0F6E



DFF234



786C71



B80048



380016

Previews

White Background



This preview shows how the Hex color 347FF2 looks on a white background.

Color Contrast Check

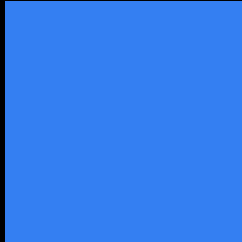
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 347FF2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

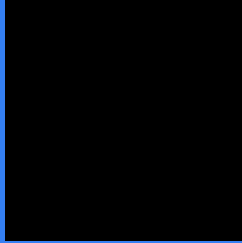
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

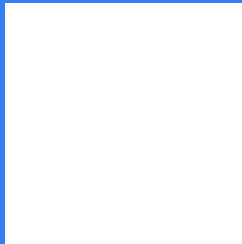
Any Text WCAG AAA × Fail

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

Hex 347FF2 Background



This preview shows how black text looks on a background with the Hex color 347FF2.



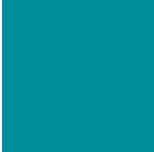
This preview shows how white text looks on a background with the Hex color 347FF2.

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](#).

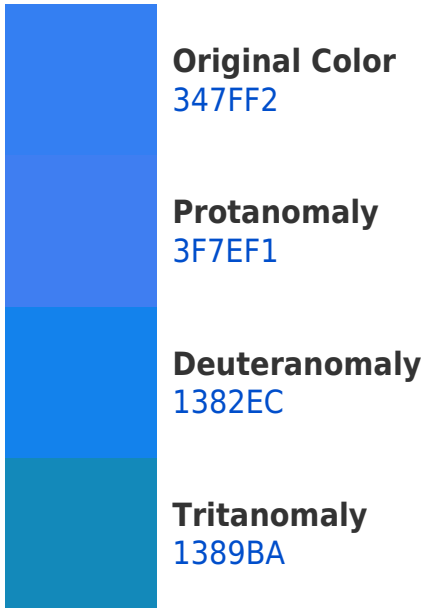
Dichromacy





Tritanopia
008F9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 347FF2 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 #347FF2 looks like.

```
.text, #text, p{  
    color:#347FF2  
}
```

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 #347FF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #347FF2
}
```

Border

The CSS property to change the border of an element to Hex 347FF2 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
#347FF2 }
```

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

```
.border{ border-color:#347FF2 }
```

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

Here you see how a box with a 4 pixel #347FF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #347FF2; -webkit-box-shadow:4px 4px  
4px 4px #347FF2; box-shadow:4px 4px 4px  
4px #347FF2 }
```

Background

The CSS property to change the background color of an element to Hex 347FF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#347FF2 }
```

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

```
.background{ background-color:#347FF2 }
```

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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