

# Converting Colors

Hex(375CFB)

Have a look what the booklet for  
Hex(375CFB) contains.

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# Color

**Hex(375CFB)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 375CFB                     |
| RGB           | 55, 92, 251                |
| RGB Percent   | 22%, 36%, 98%              |
| CMY           | 0.7843, 0.6392, 0.0157     |
| CMYK          | 0.78, 0.63, 0.00, 0.02     |
| HSL           | 229°, 96%, 60%             |
| HSV           | 229°, 78%, 98%             |
| XYZ           | 22.8153, 15.4316, 93.0429  |
| YIQ           | 99.0630, -73.0910, 41.6050 |

# Conversions

## Conversions Part 2

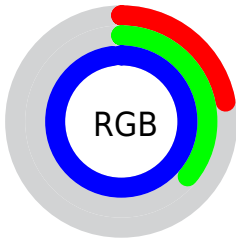
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 55, 86, 251                    |
| Decimal                             | 3628283                        |
| CIELab                              | 46.22, 42.55, -82.51           |
| CIELCh                              | 46, 92.840, 297.281            |
| Yxy                                 | 15.4316, 0.1738,<br>0.1175     |
| Android<br>(android.graphics.Color) | 4281818363<br>(0xFF375CFB)     |
| YUV                                 | 99.0630, 74.9049,<br>-38.6433  |
| Hunter-Lab                          | 39.2830, 34.9262,<br>-112.9319 |

# Details

The Hex color **375CFB** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **FBD637**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **838EFF**, and **002FC1** is the 20% darker color. If you saturate the color by 10%, you get **1E48FB**, and if you desaturate by 10%, it is **5070FB**.

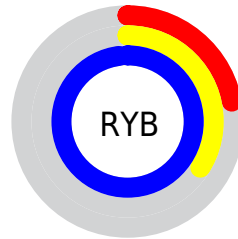
# Distribution



Red (22%)

Green (36%)

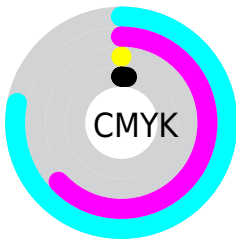
Blue (98%)



Red (22%)

Yellow (34%)

Blue (98%)

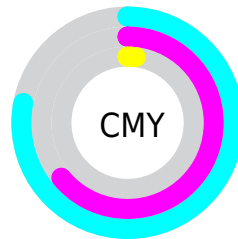


Cyan (78%)

Magenta (63%)

Yellow (0%)

Black (2%)



Cyan (78%)

Magenta (64%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 375CFB 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 375CFB by changing the saturation by 10% instead.



 375CFB

 375CFB

FFFFFF

 0045DE

 838EFF

 002FC1

 A4A9FF

 001BA5

 C4C4FF

 000B8A

 E4E0FF

 00006F

 FFFCFF

 000C56

 00063E

 000327

 000110

■ 375CFB

■ 375CFB

■ 1E48FB

■ 5070FB

■ 0533FB

■ 6985FB

■ 002FFB

■ 8299FB

■ 9BADFB

■ B5C2FB

■ CED6FB

■ E7EBFB

FFFFF

# Harmonies

## Analogous

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



007BFF



375CFB



BF11C3

# Triad

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



375CFB



C54000



008A64

# Complementary

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



375CFB



FBD637

# 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.



008600



375CFB



8C6900

# Square

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



375CFB



E8002D



3C7D00



008CB4

# Rectangle

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



375CFB



E20092



3C7D00



008948



# Sweetspot

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



375CFB



C4CFFF



37FBD4



5C6380



000000



808080



# Same Dimension

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



375CFB



0F3DFF



7237FB



70737D



0024BD



000C3D



# Inverse Universe

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



FB375C



FF0F3D



C0FB37



7D7073



BD0024



3D000C



# Previews

## White Background



This preview shows how the Hex color 375CFB looks on a white background.

## Color Contrast Check

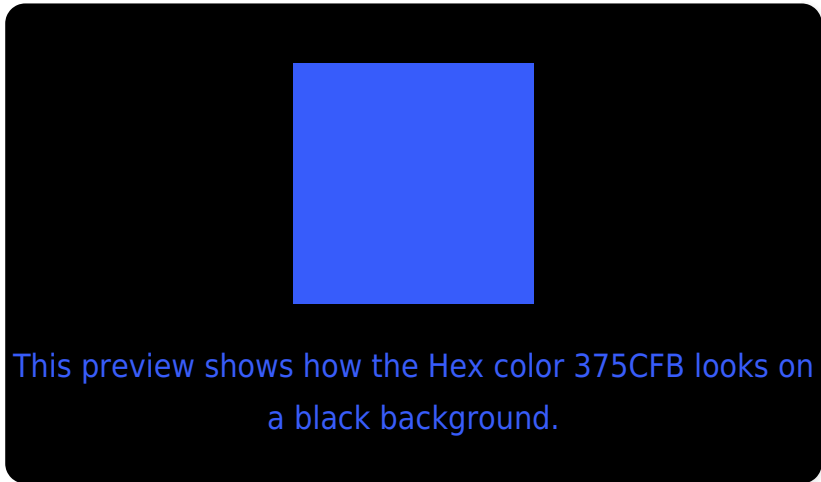
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

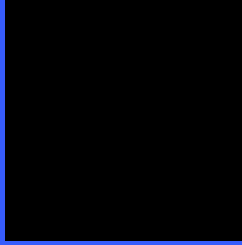
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 375CFB Background



This preview shows how black text looks on a background with the Hex color 375CFB.



This preview shows how white text looks on a background with the Hex color 375CFB.

# 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



# Trichromacy



**Original Color**  
375CFB

**Protanomaly**  
1464E8

**Tritanomaly**  
146EAD

# Monochromacy



**Original Color**  
375CFB

**Achromatopsia**  
636363

**Achromatomaly**  
53609A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 375CFB 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 #375CFB looks like.

```
.text, #text, p{  
    color:#375CFB  
}
```

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 #375CFB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #375CFB
}
```

## Border

The CSS property to change the border of an element to Hex 375CFB 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
#375CFB }
```

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

```
.border{ border-color:#375CFB }
```

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

Here you see how a box with a 4 pixel #375CFB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #375CFB; -webkit-box-shadow:4px 4px  
4px 4px #375CFB; box-shadow:4px 4px 4px  
4px #375CFB }
```

# Background

The CSS property to change the background color of an element to Hex 375CFB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#375CFB }
```

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

```
.background{ background-color:#375CFB }
```

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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