

Converting Colors

Hex(378DFB)

Have a look what the booklet for
Hex(378DFB) contains.

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Color

Hex(378DFB)

Conversions

Conversions Part 1

Format	Color
Hex	378DFB
RGB	55, 141, 251
RGB Percent	22%, 55%, 98%
CMY	0.7843, 0.4471, 0.0157
CMYK	0.78, 0.44, 0.00, 0.02
HSL	214°, 96%, 60%
HSV	214°, 78%, 98%
XYZ	28.5130, 26.8270, 94.9421
YIQ	127.8260, -86.5660, 15.9780

Conversions

Conversions Part 2

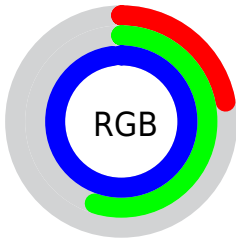
Format	Color
RYB	55, 115, 251
Decimal	3640827
CIELab	58.81, 12.24, -62.08
CIELCh	59, 63.277, 281.152
Yxy	26.8270, 0.1897, 0.1785
Android (android.graphics.Color)	4281830907 (0xFF378DFB)
YUV	127.8260, 60.7248, -63.8684
Hunter-Lab	51.7948, 7.6233, -72.4248

Details

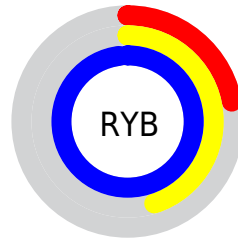
The Hex color **378DFB** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **FBA537**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **81C2FF**, and **005CC2** is the 20% darker color. If you saturate the color by 10%, you get **1E7FFB**, and if you desaturate by 10%, it is **509BFB**.

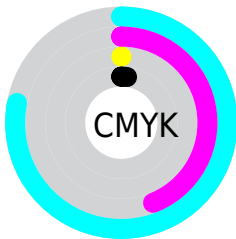
Distribution



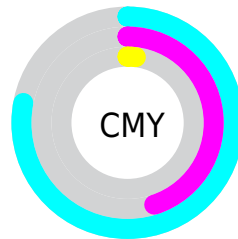
- Red (22%)
- Green (55%)
- Blue (98%)



- Red (22%)
- Yellow (45%)
- Blue (98%)



- Cyan (78%)
- Magenta (44%)
- Yellow (0%)
- Black (2%)



- Cyan (78%)
- Magenta (45%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 378DFB 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 378DFB by changing the saturation by 10% instead.

 378DFB

 378DFB

FFFFFF

 0074DE

 81C2FF

 005CC2

 A1DEFF

 0045A6

 C0FAFF

 00308B

 E0FFFF

 001D71

 000758

 00063F

 000328

 000112

■ 378DFB

■ 378DFB

■ 1E7FFB

■ 509BFB

■ 0571FB

■ 69A9FB

■ 006EFB

■ 82B7FB

■ 9BC5FB

■ B5D3FB

■ CEE2FB

■ E7F0FB

■ FFFEFB

■ FFFFFB

Harmonies

Analogous

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



009DF7



378DFB



AA75E2

Triad

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



378DFB



E66647



00A567

Complementary

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



378DFB



FBA537

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.



589E32



378DFB



C57E19

Square

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



378DFB



F1567B



969103



00A8A1

Rectangle

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



378DFB



D264C4



969103



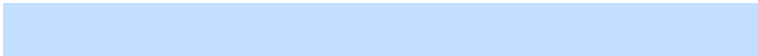
00A355

Sweetspot

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



378DFB



C4DEFF



37FBA3



5C6B80



000000



808080

Same Dimension

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



378DFB



0F78FF



4137FB



70767D



0053BD



001B3D

Inverse Universe

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



FB378D



FF0F78



F1FB37



7D7076



BD0053



3D001B

Previews

White Background



This preview shows how the Hex color 378DFB looks on a white background.

Color Contrast Check

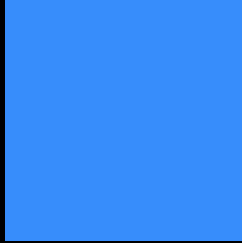
Large Text (above 18pt) WCAG AA ✓ Pass

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 378DFB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

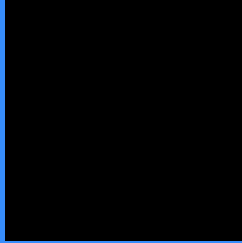
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

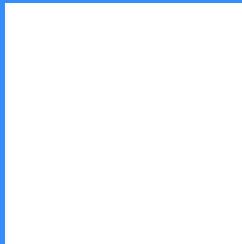
Any Text WCAG AAA × Fail

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

Hex 378DFB Background



This preview shows how black text looks on a background with the Hex color 378DFB.



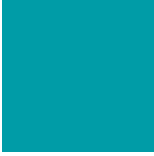
This preview shows how white text looks on a background with the Hex color 378DFB.

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



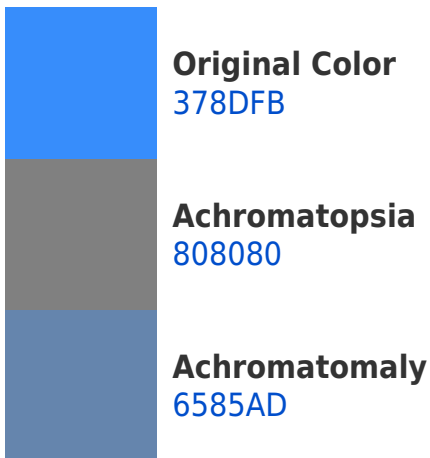


Tritanopia
009CA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 378DFB 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 #378DFB looks like.

```
.text, #text, p{  
    color:#378DFB  
}
```

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 #378DFB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #378DFB
}
```

Border

The CSS property to change the border of an element to Hex 378DFB 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
#378DFB }
```

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

```
.border{ border-color:#378DFB }
```

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

Here you see how a box with a 4 pixel #378DFB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #378DFB; -webkit-box-shadow:4px 4px  
4px 4px #378DFB; box-shadow:4px 4px 4px  
4px #378DFB }
```

Background

The CSS property to change the background color of an element to Hex 378DFB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#378DFB }
```

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

```
.background{ background-color:#378DFB }
```

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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