

Converting Colors

Hex(3C73FF)

Have a look what the booklet for
Hex(3C73FF) contains.

Hex(3C73FF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3C73FF)

Conversions

Conversions Part 1

Format	Color
Hex	3C73FF
RGB	60, 115, 255
RGB Percent	24%, 45%, 100%
CMY	0.7647, 0.5490, 0.0000
CMYK	0.76, 0.55, 0.00, 0.00
HSL	223°, 100%, 62%
HSV	223°, 76%, 100%
XYZ	26.0442, 20.4421, 97.1808
YIQ	114.5150, -77.7200, 31.8800

Conversions

Conversions Part 2

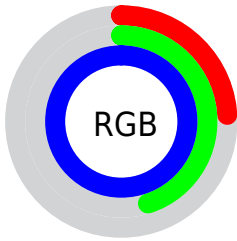
Format	Color
R _Y B	60, 103, 255
Decimal	3961855
CIE Lab	52.33, 30.22, -74.75
CIE LCh	52, 80.623, 292.012
Yxy	20.4421, 0.1813, 0.1423
Android (android.graphics.Color)	4282151935 (0xFF3C73FF)
YUV	114.5150, 69.2591, -47.8097
Hunter-Lab	45.2130, 23.6994, -95.7889

Details

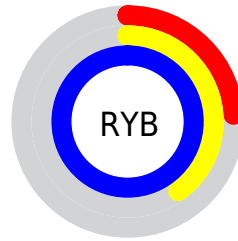
The Hex color **3C73FF** is a dark color, and the websafe version is hex **0066FF**. The color can be described as middle washed azure. A complement of this color would be **FFC83C**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **86A6FF**, and **0044C5** is the 20% darker color. If you saturate the color by 10%, you get **2261FF**, and if you desaturate by 10%, it is **5685FF**.

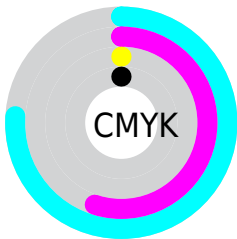
Distribution



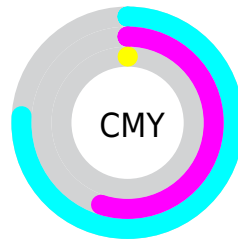
- Red (24%)
- Green (45%)
- Blue (100%)



- Red (24%)
- Yellow (40%)
- Blue (100%)



- Cyan (76%)
- Magenta (55%)
- Yellow (0%)
- Black (0%)



- Cyan (76%)
- Magenta (55%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C73FF 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 3C73FF by changing the saturation by 10% instead.

 3C73FF

 3C73FF


FFFFFF

 005BE2

 86A6FF

 0044C5

 A6C1FF

 002FA9

 C6DDFF

 001D8E

 E5FAFF

 000774

 000D5A

 000741

 00032A

 000114

■ 3C73FF

■ 3C73FF

■ 2261FF

■ 5685FF

■ 094EFF

■ 6F98FF

■ 0048FF

■ 89AAFF

■ A2BCFF

■ BCCFFF

■ D5E1FF

■ EFF3FF

FFFFFF

Harmonies

Analogous

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



008BFF



3C73FF



BB4CD3

Triad

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



3C73FF



D75200



009967

Complementary

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



3C73FF



FFC83C

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.



009418



3C73FF



A77400

Square

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



3C73FF



F1224E



678800



009AAF

Rectangle

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



3C73FF



E02AA9



678800



00984F

Sweetspot

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



3C73FF



C4D5FF



3CFFC8



5C6680



000000



808080

Same Dimension

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



3C73FF



1457FF



663CFF



737680



0036BF



001240

Inverse Universe

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



FF3C73



FF1457



D5FF3C



807376



BF0036



400012

Previews

White Background



This preview shows how the Hex color 3C73FF 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

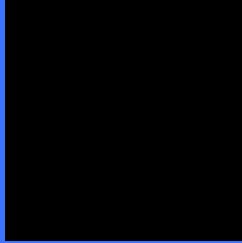
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

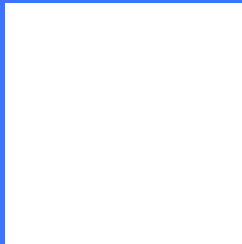
Any Text WCAG AAA × Fail

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

Hex 3C73FF Background



This preview shows how black text looks on a background with the Hex color 3C73FF.

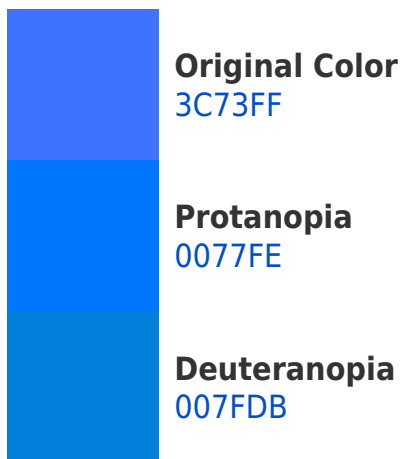


This preview shows how white text looks on a background with the Hex color 3C73FF.

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](#).

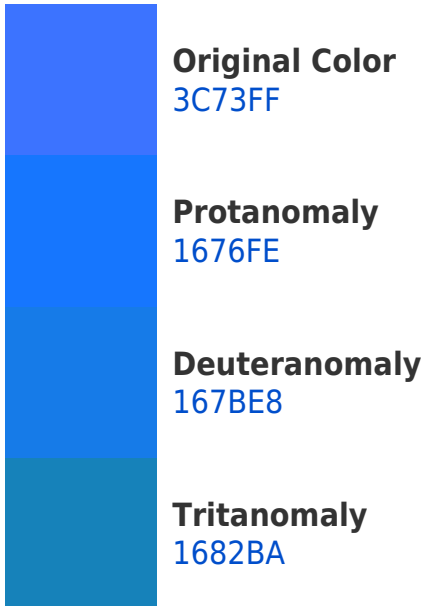
Dichromacy





Tritanopia
008A93

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3C73FF 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 #3C73FF looks like.

```
.text, #text, p{  
    color:#3C73FF  
}
```

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 #3C73FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C73FF
}
```

Border

The CSS property to change the border of an element to Hex 3C73FF 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
#3C73FF }
```

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

```
.border{ border-color:#3C73FF }
```

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

Here you see how a box with a 4 pixel #3C73FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C73FF; -webkit-box-shadow:4px 4px  
4px 4px #3C73FF; box-shadow:4px 4px 4px  
4px #3C73FF }
```

Background

The CSS property to change the background color of an element to Hex 3C73FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C73FF }
```

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

```
.background{ background-color:#3C73FF }
```

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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