

Converting Colors

Hex(5380F3)

Have a look what the booklet for
Hex(5380F3) contains.

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Color

Hex(5380F3)

Conversions

Conversions Part 1

Format	Color
Hex	5380F3
RGB	83, 128, 243
RGB Percent	33%, 50%, 95%
CMY	0.6745, 0.4980, 0.0471
CMYK	0.66, 0.47, 0.00, 0.05
HSL	223°, 87%, 64%
HSV	223°, 66%, 95%
XYZ	27.4641, 23.7484, 87.9304
YIQ	127.6550, -63.7350, 26.2250

Conversions

Conversions Part 2

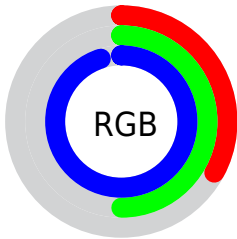
Format	Color
R _Y B	83, 118, 243
Decimal	5472499
CIE Lab	55.84, 20.92, -62.39
CIE LCh	56, 65.808, 288.538
Yxy	23.7484, 0.1974, 0.1707
Android (android.graphics.Color)	4283662579 (0xFF5380F3)
YUV	127.6550, 56.8651, -39.1624
Hunter-Lab	48.7323, 15.3158, -72.8675

Details

The Hex color **5380F3** is a light color, and the websafe version is hex **3366CC**. The color can be described as light muted azure. A complement of this color would be **F3C653**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **93B4FF**, and **0050BA** is the 20% darker color. If you saturate the color by 10%, you get **3B6FF3**, and if you desaturate by 10%, it is **6B91F3**.

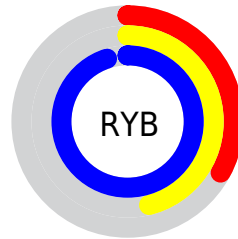
Distribution



Red (33%)

Green (50%)

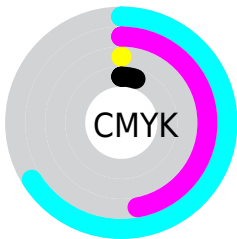
Blue (95%)



Red (33%)

Yellow (46%)

Blue (95%)

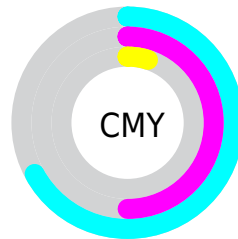


Cyan (66%)

Magenta (47%)

Yellow (0%)

Black (5%)



Cyan (67%)

Magenta (50%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5380F3 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 5380F3 by changing the saturation by 10% instead.

■ 5380F3

■ 5380F3

FFFFFF

■ 2C67D6

■ 93B4FF

■ 0050BA

■ B1D0FF

■ 003A9E

■ D0ECFF

■ 002584

■ EEEFFF

■ 00136A

■ 000851

■ 000539

■ 000222

■ 000008

■ 5380F3

■ 5380F3

■ 3B6FF3

■ 6B91F3

■ 225DF3

■ 84A3F3

■ 0A4CF3

■ 9CB4F3

■ 0044F3

■ B4C6F3

■ CCD7F3

■ E5E9F3

■ FDFAF3

■ FFFFF3

Harmonies

Analogous

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



0093F6



5380F3



B465D2

Triad

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



5380F3



D96230



009F6D

Complementary

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



5380F3



F3C653

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.



349933



5380F3



B37B00

Square

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



5380F3



EB4C65



7F8E00



00A0A9

Rectangle

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



5380F3



D654B1



7F8E00



009D59

Sweetspot

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



5380F3



CCDAFF



53F3C6



616A80



000000



808080

Same Dimension

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



5380F3



366EFF



7653F3



6E727A



0034BA



00103B

Inverse Universe

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



F35380



FF366E



D0F353



7A6E72



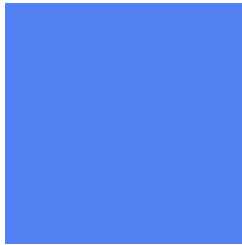
BA0034



3B0010

Previews

White Background



This preview shows how the Hex color 5380F3 looks on a white background.

Color Contrast Check

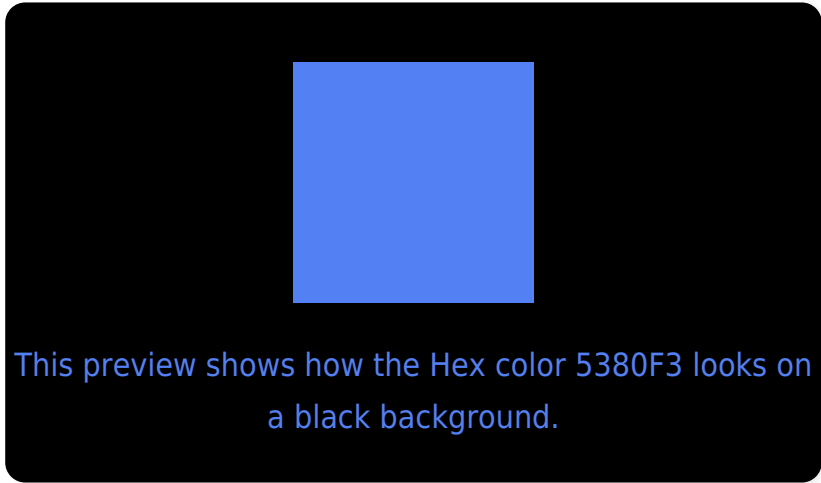
Large Text (above 18pt) WCAG AA ✓ Pass

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

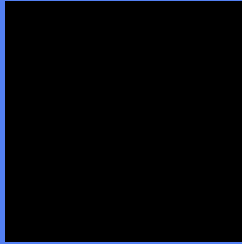
Any Text WCAG AA ✓ Pass

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 5380F3 Background



This preview shows how black text looks on a background with the Hex color 5380F3.

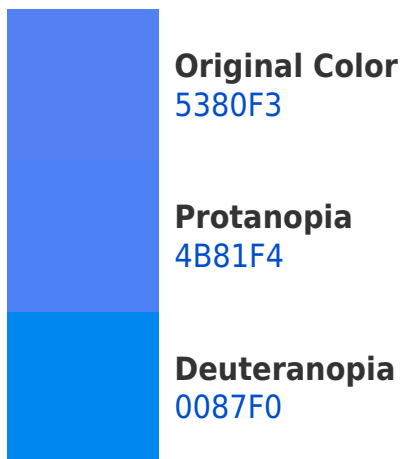


This preview shows how white text looks on a background with the Hex color 5380F3.

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](#).

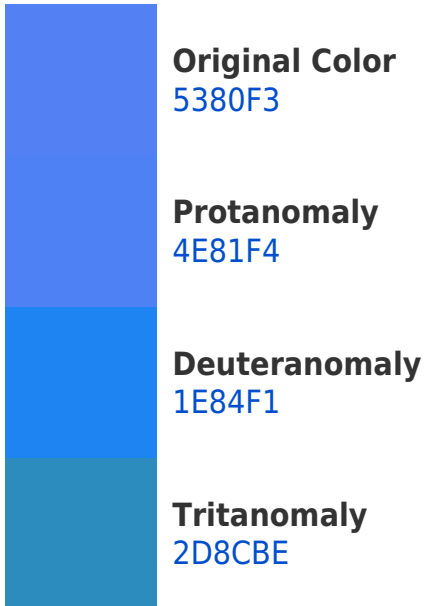
Dichromacy



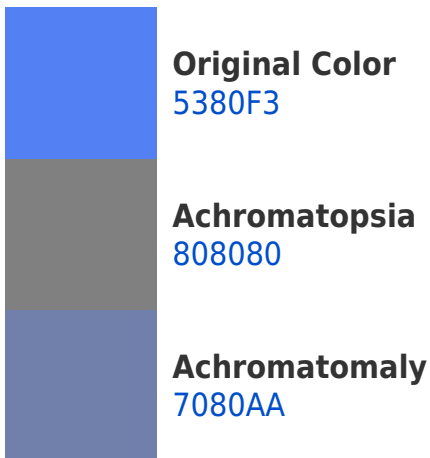


Tritanopia
18939F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5380F3 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 #5380F3 looks like.

```
.text, #text, p{  
    color:#5380F3  
}
```

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 #5380F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5380F3
}
```

Border

The CSS property to change the border of an element to Hex 5380F3 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
#5380F3 }
```

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

```
.border{ border-color:#5380F3 }
```

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

Here you see how a box with a 4 pixel #5380F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5380F3; -webkit-box-shadow:4px 4px  
4px 4px #5380F3; box-shadow:4px 4px 4px  
4px #5380F3 }
```

Background

The CSS property to change the background color of an element to Hex 5380F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5380F3 }
```

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

```
.background{ background-color:#5380F3 }
```

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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