

# Converting Colors

Hex(388DF2)

Have a look what the booklet for  
Hex(388DF2) contains.

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# Color

Hex(388DF2)

# Conversions

## Conversions Part 1

Format	Color
Hex	388DF2
RGB	56, 141, 242
RGB Percent	22%, 55%, 95%
CMY	0.7804, 0.4471, 0.0510
CMYK	0.77, 0.42, 0.00, 0.05
HSL	213°, 88%, 58%
HSV	213°, 77%, 95%
XYZ	27.1828, 26.3013, 87.6484
YIQ	127.0990, -83.0810, 13.3910

# Conversions

## Conversions Part 2

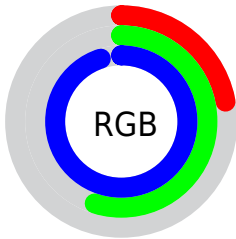
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	56, 114, 242
Decimal	3706354
CIE <sub>Lab</sub>	58.32, 9.07, -57.91
CIE <sub>LCh</sub>	58, 58.613, 278.903
Yxy	26.3013, 0.1926, 0.1864
Android (android.graphics.Color)	4281896434 (0xFF388DF2)
YUV	127.0990, 56.6462, -62.3538
Hunter-Lab	51.2848, 4.8630, -65.4303

# Details

The Hex color **388DF2** 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 **F29D38**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **80C2FF**, and **005CB9** is the 20% darker color. If you saturate the color by 10%, you get **2080F2**, and if you desaturate by 10%, it is **509AF2**.

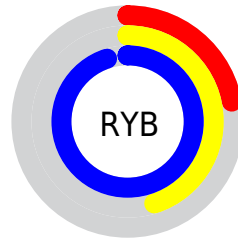
# Distribution



Red (22%)

Green (55%)

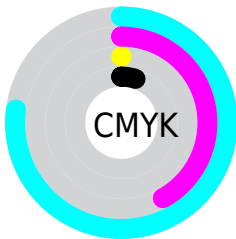
Blue (95%)



Red (22%)

Yellow (45%)

Blue (95%)

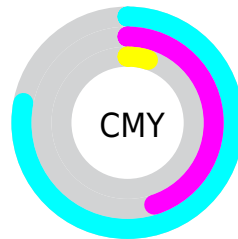


Cyan (77%)

Magenta (42%)

Yellow (0%)

Black (5%)



Cyan (78%)

Magenta (45%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 388DF2 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 388DF2 by changing the saturation by 10% instead.



 388DF2

 388DF2

FFFFFF

 0074D5

 80C2FF

 005CB9

 9FDEFF

 00459E

 BEFAFF

 003083

 DDFFFF

 001D69

 FCFFFF

 000950

 000538

 000222

 000008

■ 388DF2

■ 388DF2

■ 2080F2

■ 509AF2

■ 0873F2

■ 68A7F2

■ 006FF2

■ 81B4F2

■ 99C2F2

■ B1CFF2

■ C9DCF2

■ E1E9F2

■ FAF6F2

■ FFFFF2

# Harmonies

## Analogous

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



009CEC



388DF2



A278DD

# Triad

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



388DF2



E1674E



00A265

# Complementary

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



388DF2



F29D38

# 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.



619B36



388DF2



C47C27

# Square

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



388DF2



E95B7F



988F18



00A59B

# Rectangle

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



388DF2



C869C2



988F18



24A054

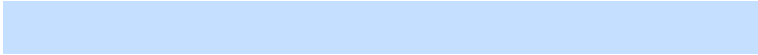


# Sweetspot

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



388DF2



C4DFFF



38F29B



5C6C80



000000



808080



# Same Dimension

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



388DF2



1480FF



3E38F2



6C7178



0054B8



001A38



# Inverse Universe

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



F2388D



FF1480



ECF238



786C71



B80054



38001A



# Previews

## White Background



This preview shows how the Hex color 388DF2 looks on a white background.

## Color Contrast Check

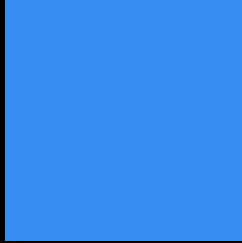
Large Text (above 18pt) WCAG AA ✓ Pass

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 388DF2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

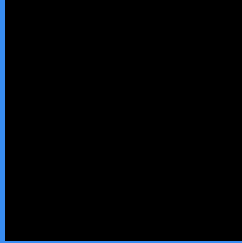
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

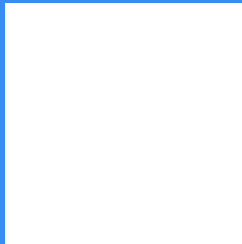
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 388DF2 Background



This preview shows how black text looks on a background with the Hex color 388DF2.

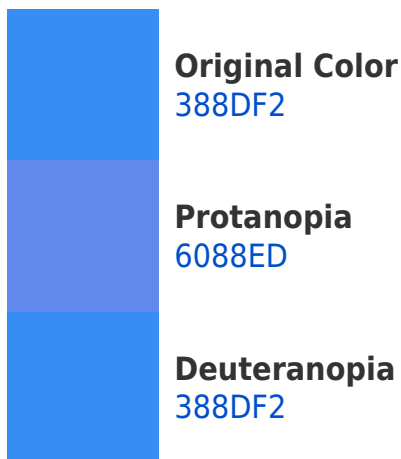


This preview shows how white text looks on a background with the Hex color 388DF2.

# 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](#).

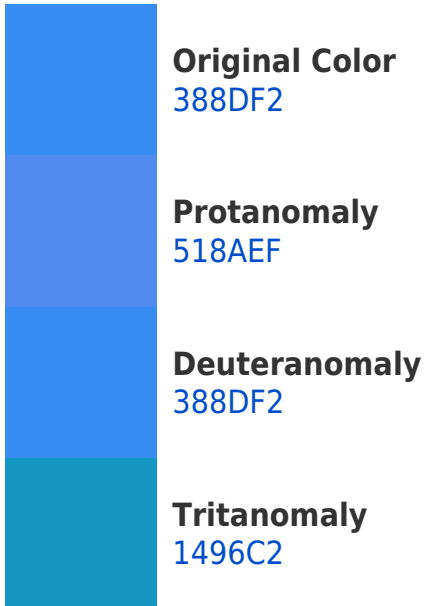
## Dichromacy



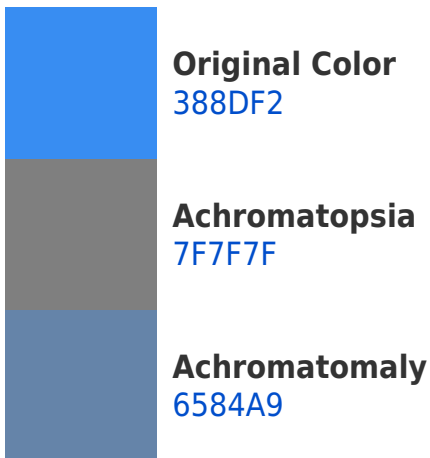


**Tritanopia**  
009BA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 388DF2 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 #388DF2 looks like.

```
.text, #text, p{  
    color:#388DF2  
}
```

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 #388DF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #388DF2
}
```

## Border

The CSS property to change the border of an element to Hex 388DF2 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
#388DF2 }
```

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

```
.border{ border-color:#388DF2 }
```

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

Here you see how a box with a 4 pixel #388DF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #388DF2; -webkit-box-shadow:4px 4px  
4px 4px #388DF2; box-shadow:4px 4px 4px  
4px #388DF2 }
```

# Background

The CSS property to change the background color of an element to Hex 388DF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#388DF2 }
```

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

```
.background{ background-color:#388DF2 }
```

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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