

# Converting Colors

Hex(0088F4)

Have a look what the booklet for  
Hex(0088F4) contains.

<b>Hex(0088F4)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(0088F4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0088F4
RGB	0, 136, 244
RGB Percent	0%, 53%, 96%
CMY	1.0000, 0.4667, 0.0431
CMYK	1.00, 0.44, 0.00, 0.04
HSL	207°, 100%, 48%
HSV	207°, 100%, 96%
XYZ	25.1333, 24.1400, 88.9228
YIQ	107.6480, -115.7240, 4.7560

# Conversions

## Conversions Part 2

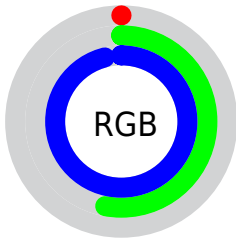
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 87, 244
Decimal	35060
CIELab	56.23, 9.60, -62.41
CIELCh	56, 63.149, 278.745
Yxy	24.1400, 0.1819, 0.1747
Android (android.graphics.Color)	4278225140 (0xFF0088F4)
YUV	107.6480, 67.2215, -94.4073
Hunter-Lab	49.1324, 5.3284, -72.9138

# Details

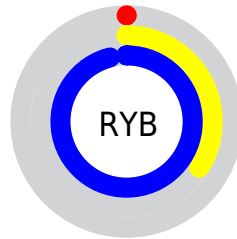
The Hex color **0088F4** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark saturated azure. A complement of this color would be **F46C00**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **6DBDFF**, and **0057BB** is the 20% darker color. If you saturate the color by 10%, you get **0088F4**, and if you desaturate by 10%, it is **1893F4**.

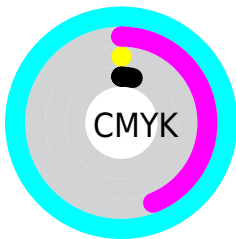
# Distribution



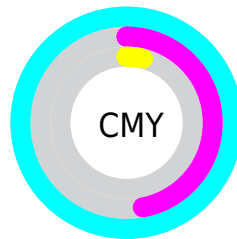
- Red (0%)
- Green (53%)
- Blue (96%)



- Red (0%)
- Yellow (34%)
- Blue (96%)



- Cyan (100%)
- Magenta (44%)
- Yellow (0%)
- Black (4%)



- Cyan (100%)
- Magenta (47%)
- Yellow (4%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 0088F4 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 0088F4 by changing the saturation by 10% instead.



 0088F4

 0088F4

FFFFFF

 006FD7

 6DBDFF

 0057BB

 8FD8FF

 00419F

 AFF4FF

 002C85

 CFFFFFF

 001A6B

 EFFFFFF

 000B52


 00053A

 000223

 00000A

 0088F4

 1893F4

 319EF4

 49A8F4

 62B3F4

 7ABEF4

 92C9F4

 ABD4F4

 C3DEF4

 DCE9F4

# Harmonies

## Analogous

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



0097ED



0088F4



9D71DD

# Triad

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



0088F4



E05E45



009E5D

# Complementary

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



0088F4



F46C00

# 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.



579727



0088F4



C07515

# Square

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



0088F4



E94E79



928900



00A096

# Rectangle

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



0088F4



C65FC1



928900



009C4A

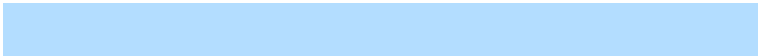


# Sweetspot

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



0088F4



B3DDFF



00F46A



526B80



000000



808080



# Same Dimension

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



0088F4



008EFF



0010F4



6E757A



0068BA



00213B



# Inverse Universe

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



F40088



FF008E



F4E400



7A6E75



BA0068



3B0021



# Previews

## White Background



This preview shows how the Hex color 0088F4 looks on a white background.

## Color Contrast Check

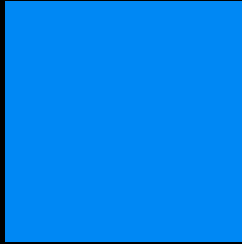
Large Text (above 18pt) WCAG AA ✓ Pass

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 0088F4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

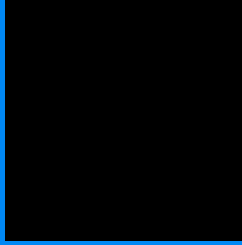
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

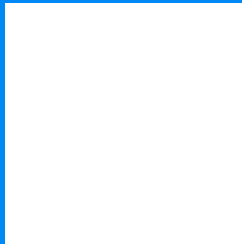
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0088F4 Background



This preview shows how black text looks on a background with the Hex color 0088F4.



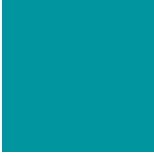
This preview shows how white text looks on a background with the Hex color 0088F4.

# 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**  
00959F

# Trichromacy



**Original Color**  
0088F4

**Protanomaly**  
3584F0

**Deuteranomaly**  
0088F3

**Tritanomaly**  
0090BE

# Monochromacy



**Original Color**  
0088F4

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
45769D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0088F4 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 #0088F4 looks like.

```
.text, #text, p{  
    color:#0088F4  
}
```

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 #0088F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0088F4
}
```

## Border

The CSS property to change the border of an element to Hex 0088F4 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
#0088F4 }
```

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

```
.border{ border-color:#0088F4 }
```

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

Here you see how a box with a 4 pixel #0088F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0088F4; -webkit-box-shadow:4px 4px  
4px 4px #0088F4; box-shadow:4px 4px 4px  
4px #0088F4 }
```

# Background

The CSS property to change the background color of an element to Hex 0088F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0088F4 }
```

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

```
.background{ background-color:#0088F4 }
```

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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