

# Converting Colors

Hex(1089FF)

Have a look what the booklet for  
Hex(1089FF) contains.

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# Color

**Hex(1089FF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1089FF
RGB	16, 137, 255
RGB Percent	6%, 54%, 100%
CMY	0.9373, 0.4627, 0.0000
CMYK	0.94, 0.46, 0.00, 0.00
HSL	210°, 100%, 53%
HSV	210°, 94%, 100%
XYZ	27.2093, 25.2215, 98.0419
YIQ	114.2730, -109.9940, 11.0460

# Conversions

## Conversions Part 2

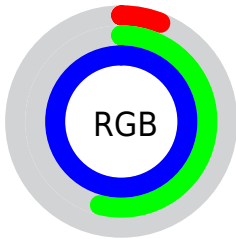
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	16, 96, 255
Decimal	1083903
CIE <sub>Lab</sub>	57.29, 13.62, -66.77
CIE <sub>LCh</sub>	57, 68.142, 281.533
Y <sub>xy</sub>	25.2215, 0.1808, 0.1676
Android (android.graphics.Color)	4279273983 (0xFF1089FF)
Y <sub>UV</sub>	114.2730, 69.3784, -86.1854
Hunter-Lab	50.2210, 8.8232, -80.5918

# Details

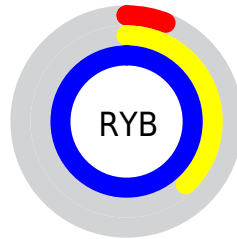
The Hex color **1089FF** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **FF8610**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **73BEFF**, and **0058C5** is the 20% darker color. If you saturate the color by 10%, you get **0081FF**, and if you desaturate by 10%, it is **2A96FF**.

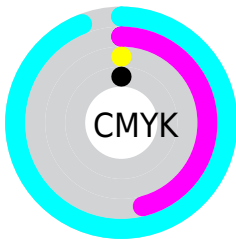
# Distribution



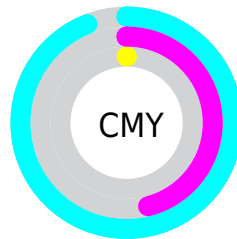
- Red (6%)
- Green (54%)
- Blue (100%)



- Red (6%)
- Yellow (38%)
- Blue (100%)



- Cyan (94%)
- Magenta (46%)
- Yellow (0%)
- Black (0%)



- Cyan (94%)
- Magenta (46%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1089FF 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 1089FF by changing the saturation by 10% instead.



 1089FF

 1089FF

FFFFFF

 0070E2

 73BEFF

 0058C5

 95D9FF

 0042AA

 B5F6FF

 002D8E

 D5FFFF

 001B74

 F5FFFF

 000C5B

 000742

 00032B

 000115

■ 1089FF

■ 1089FF

■ 0081FF

■ 2A96FF

■ 43A2FF

■ 5DAFFF

■ 76BBFF

■ 90C8FF

■ A9D5FF

■ C3E1FF

■ DCEEFF

■ F6FAFF

# Harmonies

## Analogous

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



009AFB



1089FF



A86FE3

# Triad

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



1089FF



E65E3D



00A261

# Complementary

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



1089FF



FF8610

# 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.



4C9B25



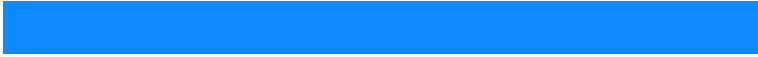
1089FF



C37900

# Square

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



1089FF



F34A75



908E00



00A5A0

# Rectangle

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



1089FF



D35BC3



908E00



00A14D

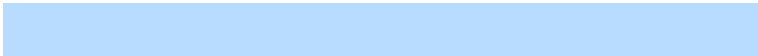


# Sweetspot

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



1089FF



B8DCFF



10FF84



546A80



000000

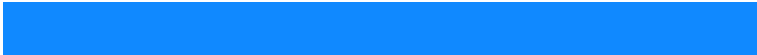


808080



# Same Dimension

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



1089FF



0081FF



1014FF



737980



0061BF



002040



# Inverse Universe

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



FF1089



FF0081



FFFB10



807379



BF0061



400020



# Previews

## White Background



This preview shows how the Hex color 1089FF looks on a white background.

## Color Contrast Check

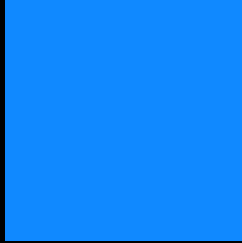
Large Text (above 18pt) WCAG AA ✓ Pass

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 1089FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

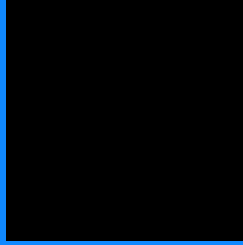
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

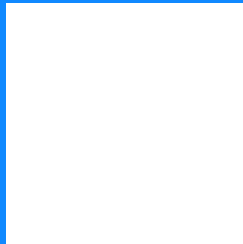
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1089FF Background



This preview shows how black text looks on a background with the Hex color 1089FF.

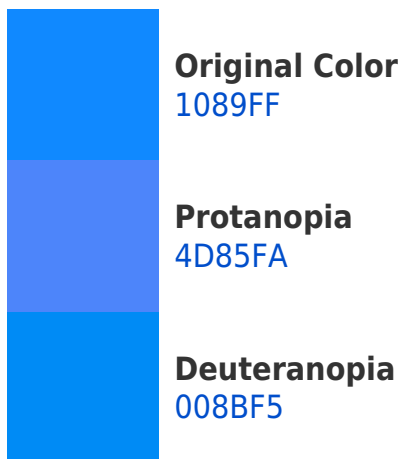


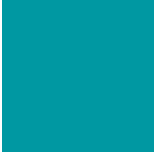
This preview shows how white text looks on a background with the Hex color 1089FF.

# 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](#).

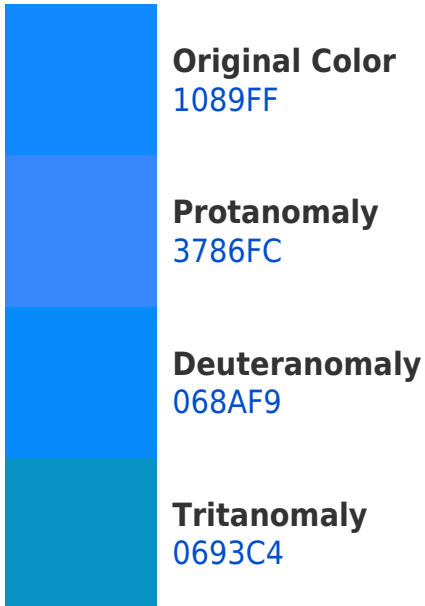
## Dichromacy



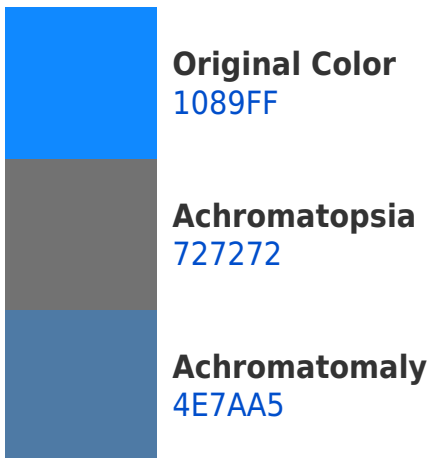


**Tritanopia**  
0098A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1089FF 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 #1089FF looks like.

```
.text, #text, p{  
    color:#1089FF  
}
```

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 #1089FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1089FF
}
```

## Border

The CSS property to change the border of an element to Hex 1089FF 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
#1089FF }
```

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

```
.border{ border-color:#1089FF }
```

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

Here you see how a box with a 4 pixel #1089FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1089FF; -webkit-box-shadow:4px 4px  
4px 4px #1089FF; box-shadow:4px 4px 4px  
4px #1089FF }
```

# Background

The CSS property to change the background color of an element to Hex 1089FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1089FF }
```

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

```
.background{ background-color:#1089FF }
```

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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