

# Converting Colors

Hex(2894F9)

Have a look what the booklet for  
Hex(2894F9) contains.

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# Color

**Hex(2894F9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2894F9
RGB	40, 148, 249
RGB Percent	16%, 58%, 98%
CMY	0.8431, 0.4196, 0.0235
CMYK	0.84, 0.41, 0.00, 0.02
HSL	209°, 95%, 57%
HSV	209°, 84%, 98%
XYZ	28.5639, 28.4705, 93.6124
YIQ	127.2220, -96.7890, 8.5150

# Conversions

## Conversions Part 2

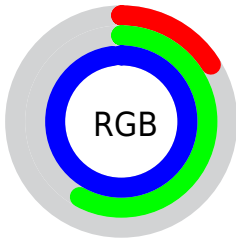
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	40, 111, 249
Decimal	2659577
CIE Lab	60.31, 5.98, -58.60
CIE LCh	60, 58.909, 275.829
Yxy	28.4705, 0.1896, 0.1890
Android (android.graphics.Color)	4280849657 (0xFF2894F9)
YUV	127.2220, 60.0366, -76.4937
Hunter-Lab	53.3577, 2.1799, -66.6697

# Details

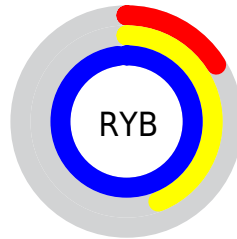
The Hex color **2894F9** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **F98D28**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **79CAFF**, and **0062C0** is the 20% darker color. If you saturate the color by 10%, you get **0F88F9**, and if you desaturate by 10%, it is **41A0F9**.

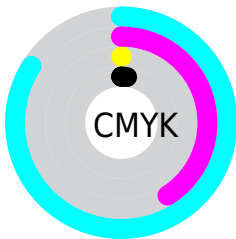
# Distribution



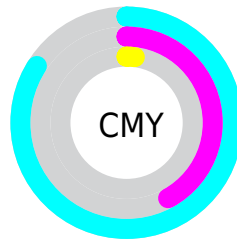
- Red (16%)
- Green (58%)
- Blue (98%)



- Red (16%)
- Yellow (44%)
- Blue (98%)



- Cyan (84%)
- Magenta (41%)
- Yellow (0%)
- Black (2%)



- Cyan (84%)
- Magenta (42%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2894F9 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 2894F9 by changing the saturation by 10% instead.



 2894F9

 2894F9

FFFFFF

 007BDC

 79CAFF

 0062C0

 9AE5FF

 004BA4

 B9FFFF

 003589

 D9FFFF


 00226F

 F8FFFF

 000956

 00063E

 000327

 000111

■ 2894F9

■ 2894F9

■ 0F88F9

■ 41A0F9

■ 0081F9

■ 5AACF9

■ 73B8F9

■ 8CC4F9

■ A4D0F9

■ BDDCF9

■ D6E8F9

■ EFF4F9

■ FFFFF9

# Harmonies

## Analogous

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



00A2F0



2894F9



A07FE6

# Triad

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



2894F9



E96A57



00A765

# Complementary

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



2894F9



F98D28

# 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.



6CA036



2894F9



CE7F2F

# Square

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



2894F9



EF6089



A3921D



00AA9A

# Rectangle

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



2894F9



C970CC



A3921D



38A554

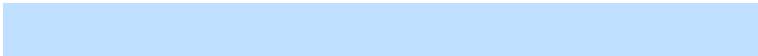


# Sweetspot

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



2894F9



BFE0FF



28F98A



596D80



000000



808080



# Same Dimension

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



2894F9



0084FF



282FF9



70777D



0062BD



00203D



# Inverse Universe

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



F92894



FF0084



F9F228



7D7077



BD0062

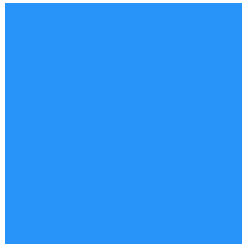


3D0020



# Previews

## White Background



This preview shows how the Hex color 2894F9 looks on a white background.

## Color Contrast Check

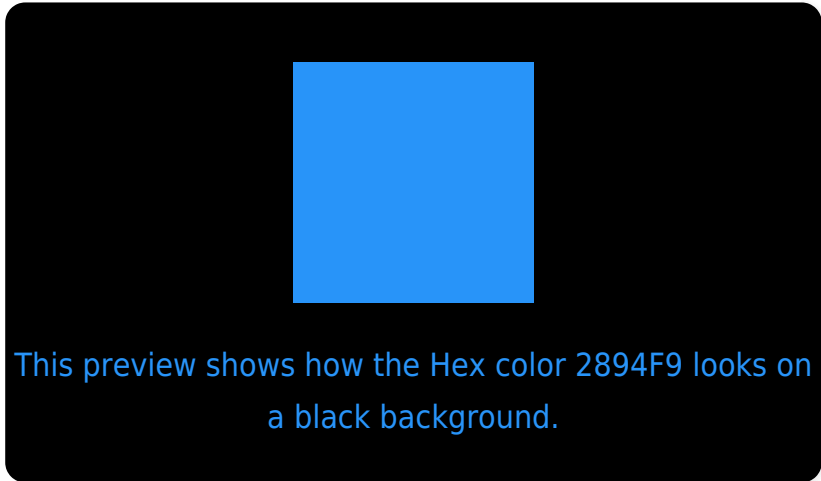
Large Text (above 18pt) WCAG AA ✓ Pass

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

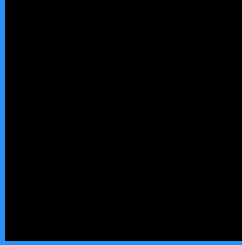
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

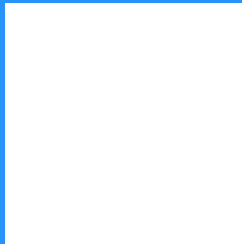
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2894F9 Background



This preview shows how black text looks on a background with the Hex color 2894F9.



This preview shows how white text looks on a background with the Hex color 2894F9.

# 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](#).

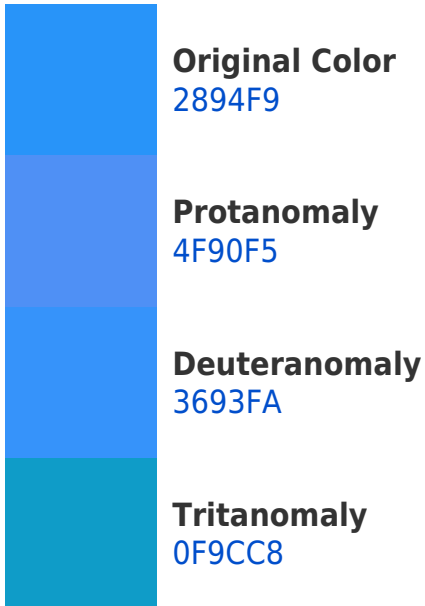
## Dichromacy



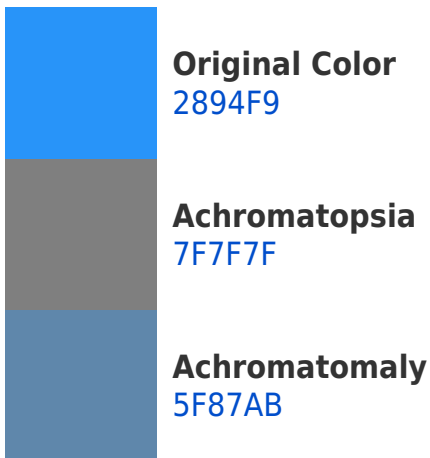


**Tritanopia**  
00A0AC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2894F9 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 #2894F9 looks like.

```
.text, #text, p{  
    color:#2894F9  
}
```

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 #2894F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2894F9
}
```

## Border

The CSS property to change the border of an element to Hex 2894F9 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
#2894F9 }
```

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

```
.border{ border-color:#2894F9 }
```

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

Here you see how a box with a 4 pixel #2894F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2894F9; -webkit-box-shadow:4px 4px  
4px 4px #2894F9; box-shadow:4px 4px 4px  
4px #2894F9 }
```

# Background

The CSS property to change the background color of an element to Hex 2894F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2894F9 }
```

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

```
.background{ background-color:#2894F9 }
```

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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