

# Converting Colors

Hex(4289F6)

Have a look what the booklet for  
Hex(4289F6) contains.

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# **Color**

**Hex(4289F6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4289F6
RGB	66, 137, 246
RGB Percent	26%, 54%, 96%
CMY	0.7412, 0.4627, 0.0353
CMYK	0.73, 0.44, 0.00, 0.04
HSL	216°, 91%, 61%
HSV	216°, 73%, 96%
XYZ	27.8270, 25.7034, 90.6834
YIQ	128.1970, -77.3050, 18.8470

# Conversions

## Conversions Part 2

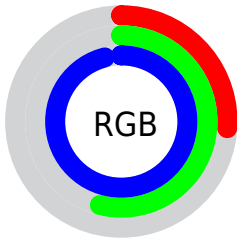
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	66, 117, 246
Decimal	4360694
CIE <sub>Lab</sub>	57.75, 14.10, -61.01
CIE <sub>LCh</sub>	58, 62.616, 283.013
Y <sub>xy</sub>	25.7034, 0.1930, 0.1782
Android (android.graphics.Color)	4282550774 (0xFF4289F6)
Y <sub>UV</sub>	128.1970, 58.0769, -54.5468
Hunter-Lab	50.6985, 9.2512, -70.5618

# Details

The Hex color **4289F6** is a light color, and the websafe version is hex **6699FF**. The color can be described as light washed azure. A complement of this color would be **F6AF42**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **87BEFF**, and **0058BD** is the 20% darker color. If you saturate the color by 10%, you get **297AF6**, and if you desaturate by 10%, it is **5B98F6**.

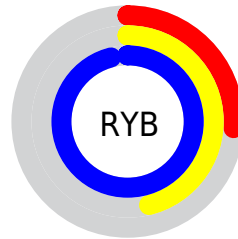
# Distribution



Red (26%)

Green (54%)

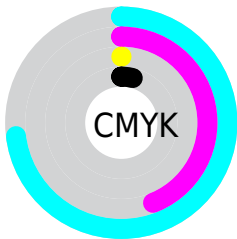
Blue (96%)



Red (26%)

Yellow (46%)

Blue (96%)

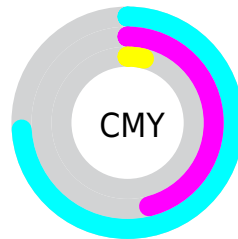


Cyan (73%)

Magenta (44%)

Yellow (0%)

Black (4%)



Cyan (74%)

Magenta (46%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4289F6 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 4289F6 by changing the saturation by 10% instead.



 4289F6

 4289F6

FFFFFF

 0070D9

 87BEFF

 0058BD

 A6D9FF

 0041A1

 C5F6FF

 002D87

 E4FFFF

 001A6C

 000853

 00063B

 000225

 00010D

■ 4289F6

■ 4289F6

■ 297AF6

■ 5B98F6

■ 116BF6

■ 73A7F6

■ 0061F6

■ 8CB6F6

■ A4C5F6

■ BDD3F6

■ D6E2F6

■ EEF1F6

■ FFFFF6

# Harmonies

## Analogous

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



009AF3



4289F6



AB71DB

# Triad

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



4289F6



E16542



00A269

# Complementary

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



4289F6



F6AF42

# 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.



519C34



4289F6



BF7D15

# Square

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



4289F6



ED5475



8F9004



00A4A2

# Rectangle

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



4289F6



D161BD



8F9004



00A156



# Sweetspot

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



4289F6



C7DDFF



42F6AE



5E6B80



000000



808080



# Same Dimension

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



4289F6



1F77FF



5442F6



6E737A



0049BA



00173B



# Inverse Universe

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



F64289



FF1F77



E4F642



7A6E73



BA0049



3B0017



# Previews

## White Background



This preview shows how the Hex color 4289F6 looks on a white background.

## Color Contrast Check

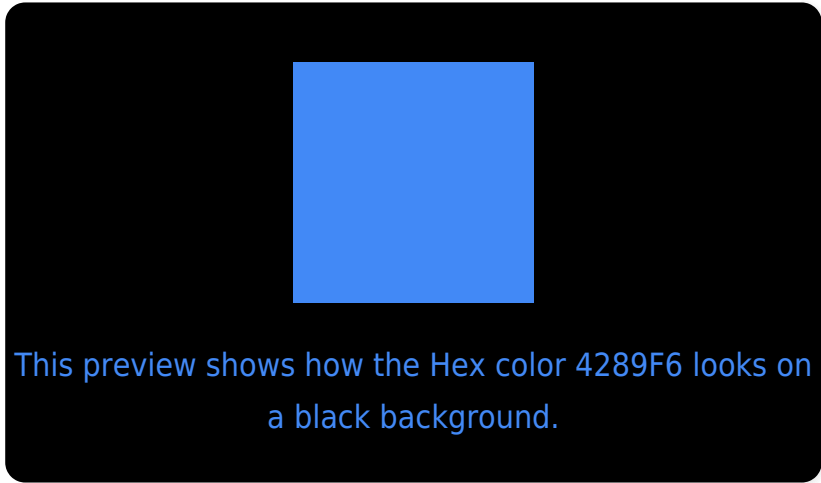
Large Text (above 18pt) WCAG AA ✓ Pass

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

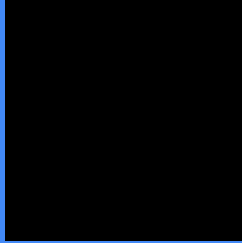
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

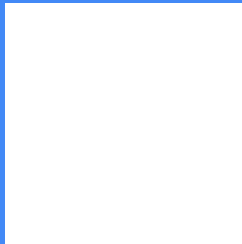
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4289F6 Background



This preview shows how black text looks on a background with the Hex color 4289F6.



This preview shows how white text looks on a background with the Hex color 4289F6.

# 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](#).

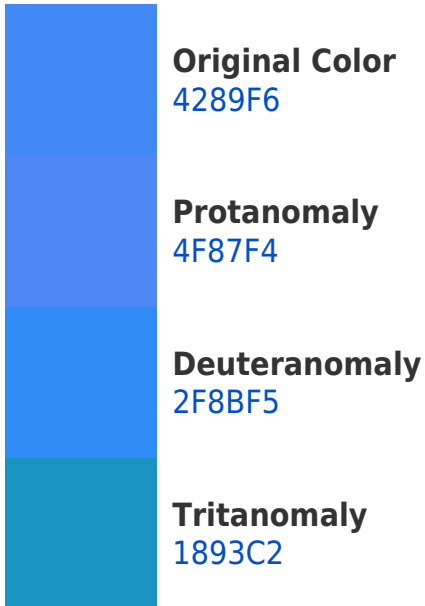
## Dichromacy





**Tritanopia**  
0099A5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4289F6 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 #4289F6 looks like.

```
.text, #text, p{  
    color:#4289F6  
}
```

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 #4289F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4289F6
}
```

## Border

The CSS property to change the border of an element to Hex 4289F6 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
#4289F6 }
```

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

```
.border{ border-color:#4289F6 }
```

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

Here you see how a box with a 4 pixel #4289F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4289F6; -webkit-box-shadow:4px 4px  
4px 4px #4289F6; box-shadow:4px 4px 4px  
4px #4289F6 }
```

# Background

The CSS property to change the background color of an element to Hex 4289F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4289F6 }
```

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

```
.background{ background-color:#4289F6 }
```

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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