

Converting Colors

Hex(4291F6)

Have a look what the booklet for
Hex(4291F6) contains.

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Color

Hex(4291F6)

Conversions

Conversions Part 1

Format	Color
Hex	4291F6
RGB	66, 145, 246
RGB Percent	26%, 57%, 96%
CMY	0.7412, 0.4314, 0.0353
CMYK	0.73, 0.41, 0.00, 0.04
HSL	214°, 91%, 61%
HSV	214°, 73%, 96%
XYZ	29.0067, 28.0629, 91.0766
YIQ	132.8930, -79.5050, 14.6630

Conversions

Conversions Part 2

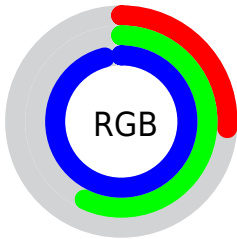
Format	Color
R _Y B	66, 121, 246
Decimal	4362742
CIE Lab	59.95, 9.28, -57.50
CIE LCh	60, 58.246, 279.169
Yxy	28.0629, 0.1958, 0.1894
Android (android.graphics.Color)	4282552822 (0xFF4291F6)
YUV	132.8930, 55.7618, -58.6652
Hunter-Lab	52.9744, 5.0345, -64.8527

Details

The Hex color **4291F6** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **F6A742**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **87C6FF**, and **005FBD** is the 20% darker color. If you saturate the color by 10%, you get **2983F6**, and if you desaturate by 10%, it is **5B9FF6**.

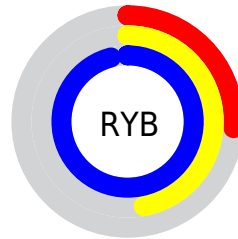
Distribution



Red (26%)

Green (57%)

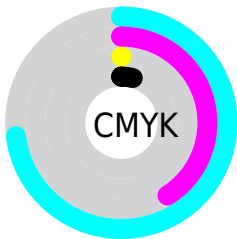
Blue (96%)



Red (26%)

Yellow (47%)

Blue (96%)

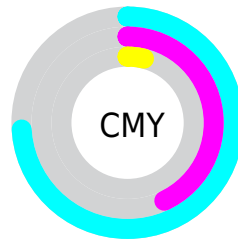


Cyan (73%)

Magenta (41%)

Yellow (0%)

Black (4%)



Cyan (74%)

Magenta (43%)

Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Hex color 4291F6 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 4291F6 by changing the saturation by 10% instead.

 4291F6

 4291F6

FFFFFF

 0178D9


 87C6FF

 005FBD

 A6E2FF

 0048A1

 C5FFFF


 003387

 E4FFFF

 001F6D

 000454

 00063C

 000225

 00010D

■ 4291F6

■ 4291F6

■ 2983F6

■ 5B9FF6

■ 1175F6

■ 73ADF6

■ 006CF6

■ 8CBAF6

■ A4C8F6

■ BDD6F6

■ D6E4F6

■ EEF2F6

■ FFFFF6

Harmonies

Analogous

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



00A0F0



4291F6



A77CE0

Triad

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



4291F6



E56C52



00A76A

Complementary

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



4291F6



F6A742

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.



65A03B



4291F6



C8812C

Square

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



4291F6



EE6083



9C931F



00A99F

Rectangle

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



4291F6



CD6DC6



9C931F



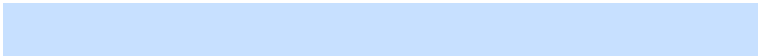
2BA559

Sweetspot

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



4291F6



C7E0FF



42F6A5



5E6D80



000000



808080

Same Dimension

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



4291F6



1F81FF



4B42F6



6E747A



0052BA



001A3B

Inverse Universe

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



F64291



FF1F81



EDF642



7A6E74



BA0052



3B001A

Previews

White Background



This preview shows how the Hex color 4291F6 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

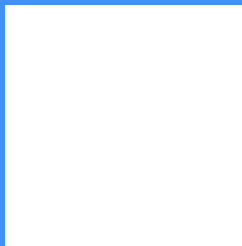
Any Text WCAG AAA × Fail

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

Hex 4291F6 Background



This preview shows how black text looks on a background with the Hex color 4291F6.



This preview shows how white text looks on a background with the Hex color 4291F6.

Color Blindness Simulation

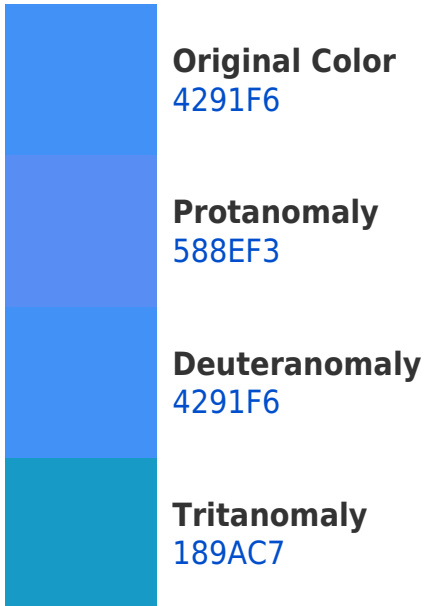
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

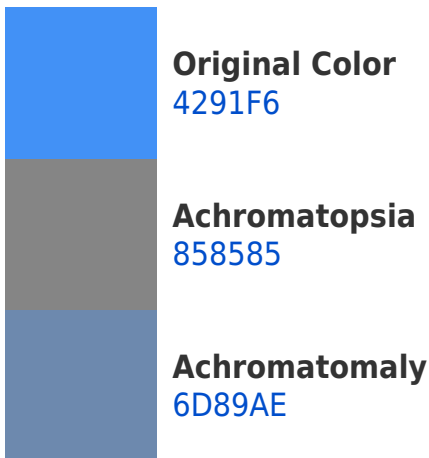




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4291F6 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 #4291F6 looks like.

```
.text, #text, p{  
    color:#4291F6  
}
```

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 #4291F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4291F6
}
```

Border

The CSS property to change the border of an element to Hex 4291F6 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
#4291F6 }
```

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

```
.border{ border-color:#4291F6 }
```

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

Here you see how a box with a 4 pixel #4291F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4291F6; -webkit-box-shadow:4px 4px  
4px 4px #4291F6; box-shadow:4px 4px 4px  
4px #4291F6 }
```

Background

The CSS property to change the background color of an element to Hex 4291F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4291F6 }
```

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

```
.background{ background-color:#4291F6 }
```

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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