

Converting Colors

Hex(4291FF)

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

Hex(4291FF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4291FF)

Conversions

Conversions Part 1

Format	Color
Hex	4291FF
RGB	66, 145, 255
RGB Percent	26%, 57%, 100%
CMY	0.7412, 0.4314, 0.0000
CMYK	0.74, 0.43, 0.00, 0.00
HSL	215°, 100%, 63%
HSV	215°, 74%, 100%
XYZ	30.4222, 28.6290, 98.5303
YIQ	133.9190, -82.3940, 17.4620

Conversions

Conversions Part 2

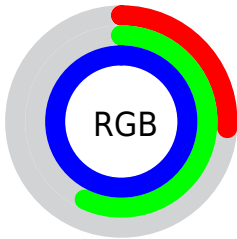
Format	Color
R _{YB}	66, 122, 255
Decimal	4362751
CIE Lab	60.45, 12.48, -61.63
CIE LCh	60, 62.885, 281.450
Yxy	28.6290, 0.1931, 0.1817
Android (android.graphics.Color)	4282552831 (0xFF4291FF)
YUV	133.9190, 59.6929, -59.5650
Hunter-Lab	53.5061, 7.8547, -71.7269

Details

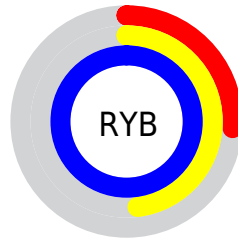
The Hex color **4291FF** is a light color, and the websafe version is hex **6699FF**. The color can be described as light washed azure. A complement of this color would be **FFB042**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **88C6FF**, and **005FC5** is the 20% darker color. If you saturate the color by 10%, you get **2882FF**, and if you desaturate by 10%, it is **5BA0FF**.

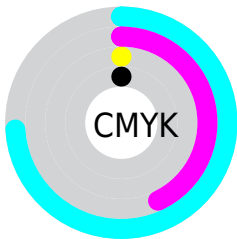
Distribution



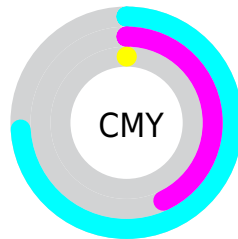
- Red (26%)
- Green (57%)
- Blue (100%)



- Red (26%)
- Yellow (48%)
- Blue (100%)



- Cyan (74%)
- Magenta (43%)
- Yellow (0%)
- Black (0%)



- Cyan (74%)
- Magenta (43%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 4291FF

 4291FF

FFFFFF

 0078E2

 88C6FF

 005FC5

 A8E2FF

 0048AA

 C7FFFF

 00338F

 E6FFFF

 002074

 00055B

 000743

 00032B

 000116

■ 4291FF

■ 4291FF

■ 2882FF

■ 5BA0FF

■ 0F73FF

■ 75AFFF

■ 006BFF

■ 8FBEFF

■ A8CCFF

■ C2DBFF

■ DBEAFF

■ F4F9FF

FFFFFF

Harmonies

Analogous

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



00A1FB



4291FF



AF79E6

Triad

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



4291FF



EB6B4B



00AA6C

Complementary

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



4291FF



FFB042

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.



5CA338



4291FF



C9821F

Square

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



4291FF



F65B7F



9A960F



00ACA6

Rectangle

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



4291FF



D669C8



9A960F



00A85A

Sweetspot

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



4291FF



C7DEFF



42FFAD



5E6C80



000000



808080

Same Dimension

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



4291FF



1C7BFF



4F42FF



737880



0050BF



001B40

Inverse Universe

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



FF4291



FF1C7B



F2FF42



807378



BF0050



40001B

Previews

White Background



This preview shows how the Hex color 4291FF 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 4291FF 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

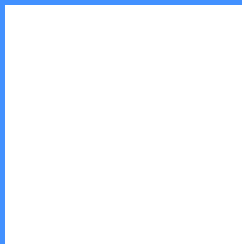
Any Text WCAG AAA × Fail

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

Hex 4291FF Background



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

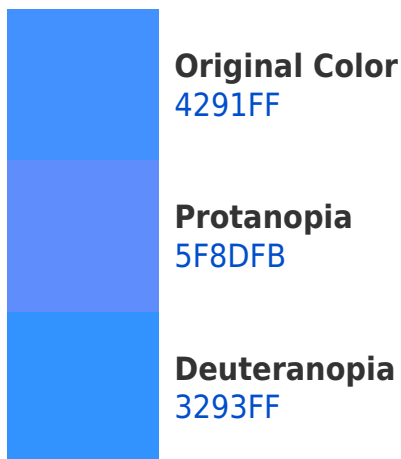


This preview shows how white text looks on a background with the Hex color 4291FF.

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](#).

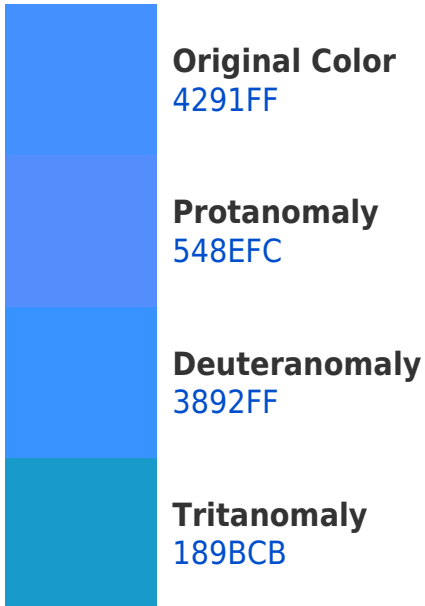
Dichromacy



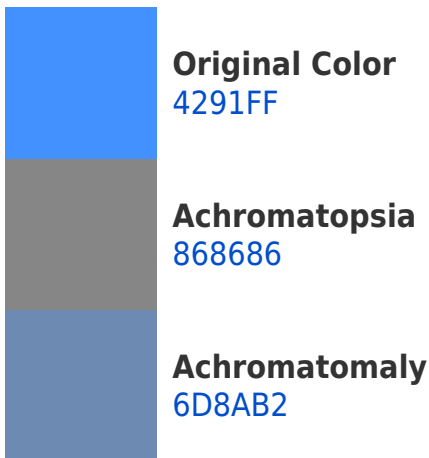


Tritanopia
00A1AD

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #4291FF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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