

# Converting Colors

Hex(4196FF)

Have a look what the booklet for  
Hex(4196FF) contains.

|  |    |
|--|----|
| <b>Hex(4196FF)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# **Color**

**Hex(4196FF)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 4196FF                      |
| RGB         | 65, 150, 255                |
| RGB Percent | 25%, 59%, 100%              |
| CMY         | 0.7451, 0.4118, 0.0000      |
| CMYK        | 0.75, 0.41, 0.00, 0.00      |
| HSL         | 213°, 100%, 63%             |
| HSV         | 213°, 75%, 100%             |
| XYZ         | 31.1363, 30.1565, 98.7875   |
| YIQ         | 136.5550, -84.3650, 14.6350 |

# Conversions

## Conversions Part 2

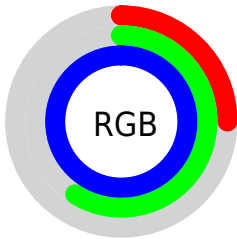
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 65, 124, 255                   |
| Decimal                             | 4298495                        |
| CIE Lab                             | 61.79, 9.38, -59.50            |
| CIE LCh                             | 62, 60.233, 278.959            |
| Yxy                                 | 30.1565, 0.1945,<br>0.1884     |
| Android<br>(android.graphics.Color) | 4282488575<br>(0xFF4196FF)     |
| YUV                                 | 136.5550, 58.3934,<br>-62.7537 |
| Hunter-Lab                          | 54.9149, 5.1069,<br>-68.2174   |

# Details

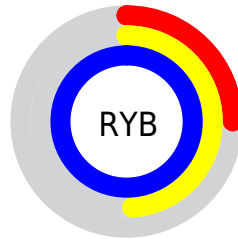
The Hex color **4196FF** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **FFAA41**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **88CCFF**, and **0064C6** is the 20% darker color. If you saturate the color by 10%, you get **2788FF**, and if you desaturate by 10%, it is **5AA4FF**.

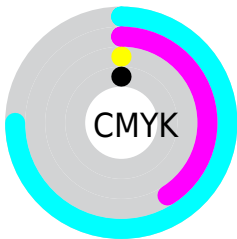
# Distribution



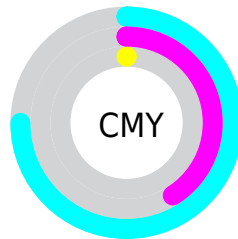
- Red (25%)
- Green (59%)
- Blue (100%)



- Red (25%)
- Yellow (49%)
- Blue (100%)



- Cyan (75%)
- Magenta (41%)
- Yellow (0%)
- Black (0%)



- Cyan (75%)
- Magenta (41%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4196FF 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 4196FF by changing the saturation by 10% instead.



 4196FF

 4196FF

FFFFFF

 007CE2

 88CCFF

 0064C6

 A7E8FF

 004DAA

 C7FFFF

 00378F

 E6FFFF

 002375

 000C5B

 000743

 00032C

 000116

■ 4196FF

■ 4196FF

■ 2788FF

■ 5AA4FF

■ 0E7AFF

■ 74B2FF

■ 0072FF

■ 8EC0FF

■ A7CEFF

■ C1DCFF

■ DAEBFF

■ F3F9FF

FFFFFF

# Harmonies

## Analogous

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



00A5F9



4196FF



AC80E9

# Triad

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



4196FF



EE6F55



00AC6D

# Complementary

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



4196FF



FFAA41

# 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.



68A53C



4196FF



CF852D

# Square

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



4196FF



F66287



A2981E



00AFA4

# Rectangle

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



4196FF



D471CD



A2981E



2CAA5B



# Sweetspot

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



4196FF



C7E0FF



41FFA9



5E6D80



000000



808080



# Same Dimension

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



4196FF



1C82FF



4B41FF



737880



0056BF



001D40



# Inverse Universe

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



FF4196



FF1C82



F6FF41



807378



BF0056



40001D



# Previews

## White Background



This preview shows how the Hex color 4196FF looks on a white background.

## Color Contrast Check

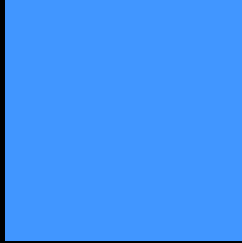
Large Text (above 18pt) WCAG AA × Fail

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 4196FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

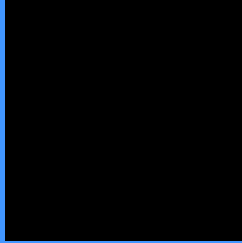
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

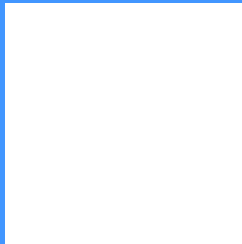
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4196FF Background



This preview shows how black text looks on a background with the Hex color 4196FF.

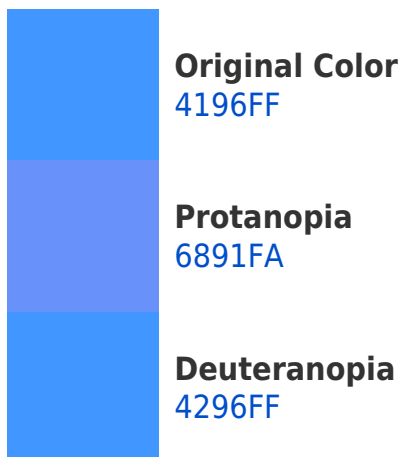


This preview shows how white text looks on a background with the Hex color 4196FF.

# 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](#).

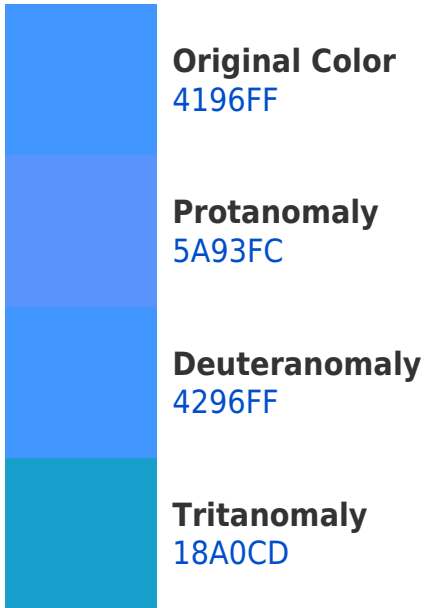
## Dichromacy





**Tritanopia**  
00A5B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4196FF 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 #4196FF looks like.

```
.text, #text, p{  
    color:#4196FF  
}
```

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 #4196FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4196FF
}
```

## Border

The CSS property to change the border of an element to Hex 4196FF 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
#4196FF }
```

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

```
.border{ border-color:#4196FF }
```

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

Here you see how a box with a 4 pixel #4196FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4196FF; -webkit-box-shadow:4px 4px  
4px 4px #4196FF; box-shadow:4px 4px 4px  
4px #4196FF }
```

# Background

The CSS property to change the background color of an element to Hex 4196FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4196FF }
```

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

```
.background{ background-color:#4196FF }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor