

# Converting Colors

Hex(429CF6)

Have a look what the booklet for  
Hex(429CF6) contains.

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# **Color**

**Hex(429CF6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	429CF6
RGB	66, 156, 246
RGB Percent	26%, 61%, 96%
CMY	0.7412, 0.3882, 0.0353
CMYK	0.73, 0.37, 0.00, 0.04
HSL	210°, 91%, 61%
HSV	210°, 73%, 96%
XYZ	30.7698, 31.5890, 91.6643
YIQ	139.3500, -82.5300, 8.9100

# Conversions

## Conversions Part 2

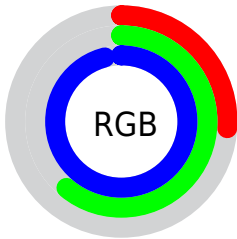
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	66, 126, 246
Decimal	4365558
CIE Lab	63.00, 2.79, -52.64
CIE LCh	63, 52.711, 273.039
Yxy	31.5890, 0.1998, 0.2051
Android (android.graphics.Color)	4282555638 (0xFF429CF6)
YUV	139.3500, 52.5785, -64.3280
Hunter-Lab	56.2041, -0.6346, -57.3543

# Details

The Hex color **429CF6** 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 **F69C42**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **87D2FF**, and **0069BD** is the 20% darker color. If you saturate the color by 10%, you get **2990F6**, and if you desaturate by 10%, it is **5BA8F6**.

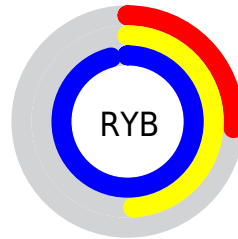
# Distribution



Red (26%)

Green (61%)

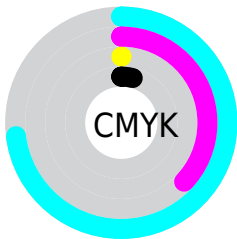
Blue (96%)



Red (26%)

Yellow (49%)

Blue (96%)

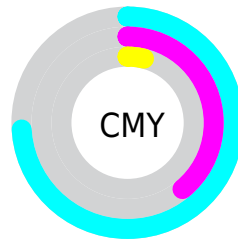


Cyan (73%)

Magenta (37%)

Yellow (0%)

Black (4%)



Cyan (74%)

Magenta (39%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 429CF6 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 429CF6 by changing the saturation by 10% instead.



 429CF6

 429CF6


FFFFFF

 0182D9

 87D2FF

 0069BD

 A6EEFF

 0052A2

 C5FFFF

 003B87

 E4FFFF

 00276D

 001254

 00063C

 000226


 00010E

 429CF6

 429CF6

 2990F6

 5BA8F6

 1183F6

 73B5F6

 007BF6

 8CC1F6

 A4CDF6

 BDDAF6

 D6E6F6

 EEF2F6

 FFFEF6

 FFFFF6

# Harmonies

## Analogous

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



00A8EB



429CF6



A18AE7

# Triad

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



429CF6



EB7668



39AC6C

# Complementary

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



429CF6



F69C42

# 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.



7EA446



429CF6



D48644

# Square

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



429CF6



ED6F96



AE9835



00B09C

# Rectangle

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



429CF6



C77DD1



AE9835



55AA5E

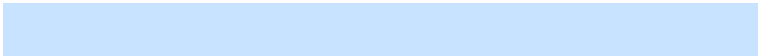


# Sweetspot

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



429CF6



C7E3FF



42F69C



5E6F80



000000



808080

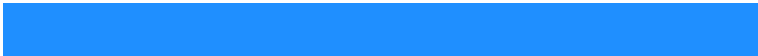


# Same Dimension

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



429CF6



1F8FFF



4242F6



6E747A



005DBA



001D3B



# Inverse Universe

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



F6429C



FF1F8F



F6F642



7A6E74



BA005D



3B001D



# Previews

## White Background



This preview shows how the Hex color 429CF6 looks on a white background.

## Color Contrast Check

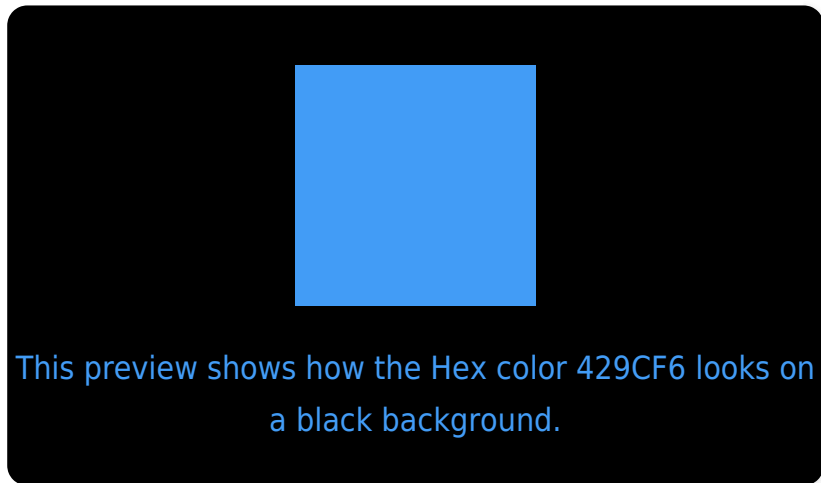
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

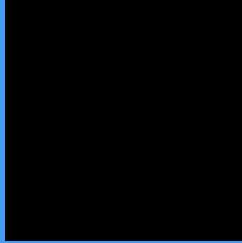
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

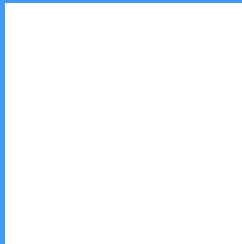
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 429CF6 Background



This preview shows how black text looks on a background with the Hex color 429CF6.

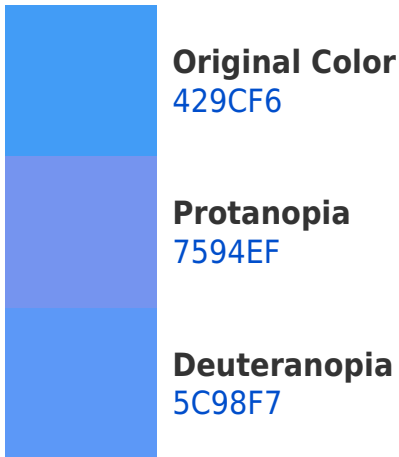


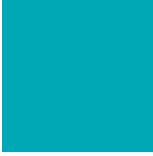
This preview shows how white text looks on a background with the Hex color 429CF6.

# 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](#).

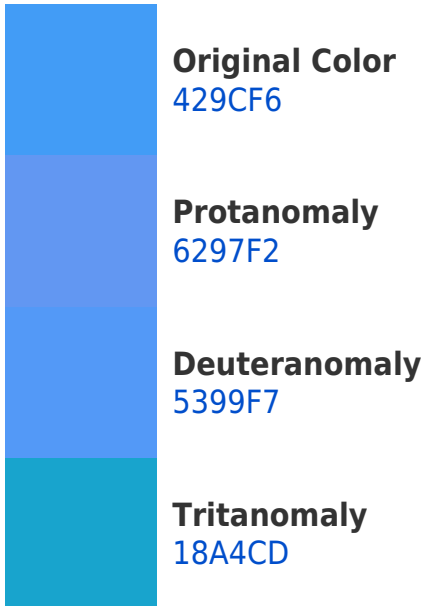
## Dichromacy



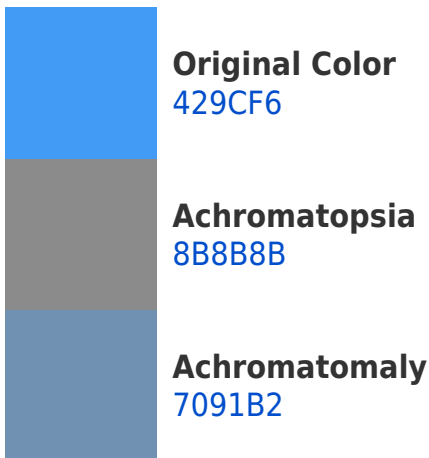


**Tritanopia**  
00A8B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 429CF6 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 #429CF6 looks like.

```
.text, #text, p{  
    color:#429CF6  
}
```

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 #429CF6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #429CF6  
}
```

## Border

The CSS property to change the border of an element to Hex 429CF6 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  
#429CF6 }
```

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

```
.border{ border-color:#429CF6 }
```

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

Here you see how a box with a 4 pixel #429CF6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #429CF6; -webkit-box-shadow:4px 4px  
4px 4px #429CF6; box-shadow:4px 4px 4px  
4px #429CF6 }
```

# Background

The CSS property to change the background color of an element to Hex 429CF6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#429CF6 }
```

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

```
.background{ background-color:#429CF6 }
```

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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