

# Converting Colors

Hex(4692F3)

Have a look what the booklet for  
Hex(4692F3) contains.

<b>Hex(4692F3)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(4692F3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4692F3
RGB	70, 146, 243
RGB Percent	27%, 57%, 95%
CMY	0.7255, 0.4275, 0.0471
CMYK	0.71, 0.40, 0.00, 0.05
HSL	214°, 88%, 61%
HSV	214°, 71%, 95%
XYZ	28.9823, 28.3309, 88.7349
YIQ	134.3340, -76.4330, 14.0550

# Conversions

## Conversions Part 2

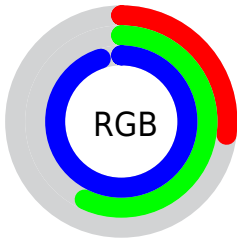
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	70, 123, 243
Decimal	4625139
CIE Lab	60.19, 8.15, -55.46
CIE LCh	60, 56.053, 278.359
Yxy	28.3309, 0.1984, 0.1940
Android (android.graphics.Color)	4282815219 (0xFF4692F3)
YUV	134.3340, 53.5723, -56.4209
Hunter-Lab	53.2268, 4.0475, -61.5842

# Details

The Hex color **4692F3** 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 **F3A746**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **89C7FF**, and **0060BA** is the 20% darker color. If you saturate the color by 10%, you get **2E84F3**, and if you desaturate by 10%, it is **5EA0F3**.

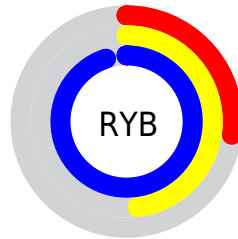
# Distribution



Red (27%)

Green (57%)

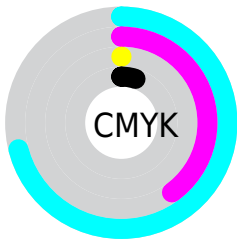
Blue (95%)



Red (27%)

Yellow (48%)

Blue (95%)

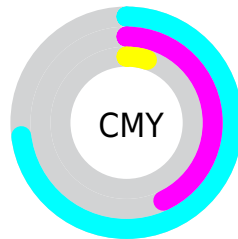


Cyan (71%)

Magenta (40%)

Yellow (0%)

Black (5%)



Cyan (73%)

Magenta (43%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4692F3 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 4692F3 by changing the saturation by 10% instead.



 4692F3

 4692F3

FFFFFF

 1279D6

 89C7FF

 0060BA

 A8E3FF

 00499F

 C7FFFF

 003384

 E5FFFF

 00206A

 000552

 000539

 000223

 00000A

■ 4692F3

■ 4692F3

■ 2E84F3

■ 5EA0F3

■ 1577F3

■ 77ADF3

■ 006BF3

■ 8FBBF3

■ A7C8F3

■ BFD6F3

■ D8E4F3

■ F0F1F3

■ FFFFF3

# Harmonies

## Analogous

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



00A0ED



4692F3



A67EDF

# Triad

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



4692F3



E46E56



00A66B

# Complementary

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



4692F3



F3A746

# 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.



6A9F3F



4692F3



C88132

# Square

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



4692F3



EB6385



9E9326



00A99E

# Rectangle

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



4692F3



CA70C6



9E9326



36A55B

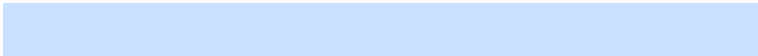


# Sweetspot

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



4692F3



C9E1FF



46F3A5



606E80



000000



808080



# Same Dimension

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



4692F3



2685FF



4F46F3



6E747A



0052BA



001A3B



# Inverse Universe

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



F34692



FF2685



EAF346



7A6E74



BA0052



3B001A



# Previews

## White Background



This preview shows how the Hex color 4692F3 looks on a white background.

## Color Contrast Check

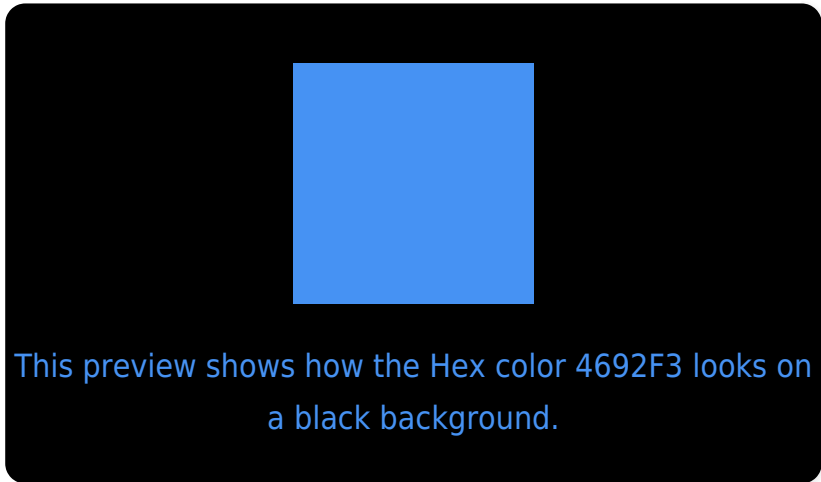
Large Text (above 18pt) WCAG AA ✓ Pass

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

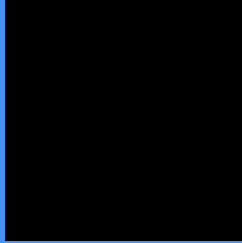
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

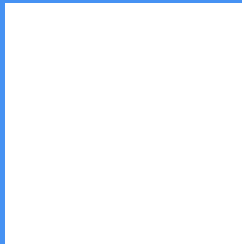
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4692F3 Background



This preview shows how black text looks on a background with the Hex color 4692F3.



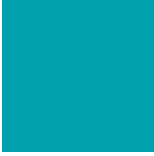
This preview shows how white text looks on a background with the Hex color 4692F3.

# 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



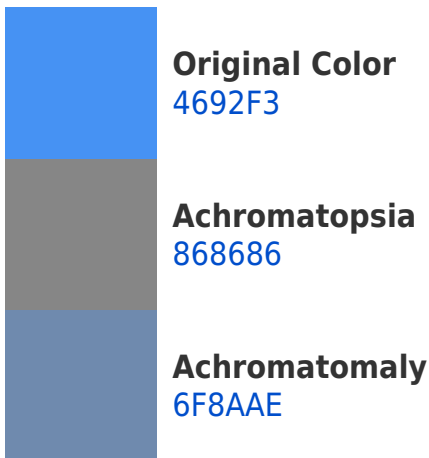


**Tritanopia**  
00A0AD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4692F3 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 #4692F3 looks like.

```
.text, #text, p{  
    color:#4692F3  
}
```

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 #4692F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4692F3
}
```

## Border

The CSS property to change the border of an element to Hex 4692F3 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
#4692F3 }
```

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

```
.border{ border-color:#4692F3 }
```

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

Here you see how a box with a 4 pixel #4692F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4692F3; -webkit-box-shadow:4px 4px  
4px 4px #4692F3; box-shadow:4px 4px 4px  
4px #4692F3 }
```

# Background

The CSS property to change the background color of an element to Hex 4692F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4692F3 }
```

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

```
.background{ background-color:#4692F3 }
```

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