

# Converting Colors

Hex(4673FE)

Have a look what the booklet for  
Hex(4673FE) contains.

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**Color**

**Hex(4673FE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4673FE
RGB	70, 115, 254
RGB Percent	27%, 45%, 100%
CMY	0.7255, 0.5490, 0.0039
CMYK	0.72, 0.55, 0.00, 0.00
HSL	225°, 99%, 64%
HSV	225°, 72%, 100%
XYZ	26.5459, 20.7193, 96.3660
YIQ	117.3910, -71.4390, 33.6890

# Conversions

## Conversions Part 2

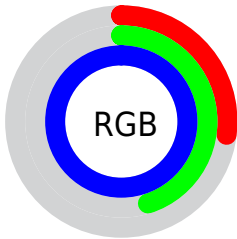
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	70, 106, 254
Decimal	4617214
CIE <sub>Lab</sub>	52.64, 30.96, -73.68
CIE <sub>LCh</sub>	53, 79.918, 292.796
Yxy	20.7193, 0.1848, 0.1443
Android (android.graphics.Color)	4282807294 (0xFF4673FE)
YUV	117.3910, 67.3482, -41.5619
Hunter-Lab	45.5185, 24.4421, -93.6585

# Details

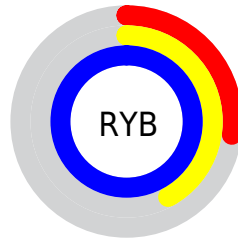
The Hex color **4673FE** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **FED146**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **8CA6FF**, and **0044C4** is the 20% darker color. If you saturate the color by 10%, you get **2D60FE**, and if you desaturate by 10%, it is **5F86FE**.

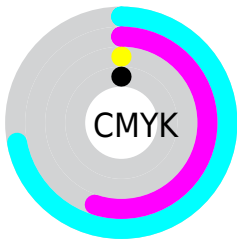
# Distribution



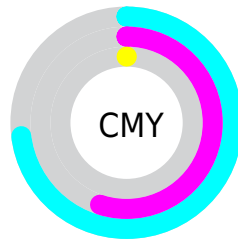
- Red (27%)
- Green (45%)
- Blue (100%)



- Red (27%)
- Yellow (42%)
- Blue (100%)



- Cyan (72%)
- Magenta (55%)
- Yellow (0%)
- Black (0%)



- Cyan (73%)
- Magenta (55%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4673FE 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 4673FE by changing the saturation by 10% instead.



■ 4673FE

■ 4673FE

FFFFFF

■ 065BE1

■ 8CA6FF

■ 0044C4

■ ACC1FF

■ 002FA8

■ CBDDFF

■ 001C8D

■ EAF AFF

■ 000773

■ 000D59

■ 000741

■ 00032A

■ 000114

■ 4673FE

■ 4673FE

■ 2D60FE

■ 5F86FE

■ 134DFE

■ 7999FE

■ 003EFE

■ 92ADFE

■ ACC0FE

■ C5D3FE

■ DEE6FE

■ F8F9FE

FFFFFE

# Harmonies

## Analogous

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



008BFF



4673FE



BE4CD2

# Triad

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



4673FE



D65400



009A6A

# Complementary

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



4673FE



FED146

# 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.



00951D



4673FE



A67500

# Square

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



4673FE



F1274D



668A00



009BB1

# Rectangle

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



4673FE



E22CA8



668A00



009852



# Sweetspot

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



4673FE



C7D5FF



46FED0



5E6680



000000



808080



# Same Dimension

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



4673FE



2157FF



7446FE



737680



002FBF



001040



# Inverse Universe

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



FE4673



FF2157



D0FE46



807376



BF002F



400010



# Previews

## White Background



This preview shows how the Hex color 4673FE looks on a white background.

## Color Contrast Check

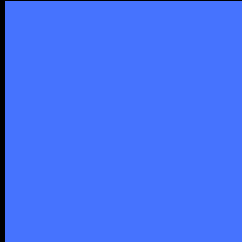
Large Text (above 18pt) WCAG AA ✓ Pass

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 4673FE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

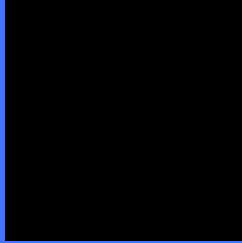
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

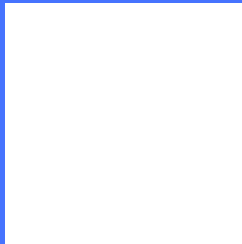
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4673FE Background



This preview shows how black text looks on a background with the Hex color 4673FE.



This preview shows how white text looks on a background with the Hex color 4673FE.

# 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](#).

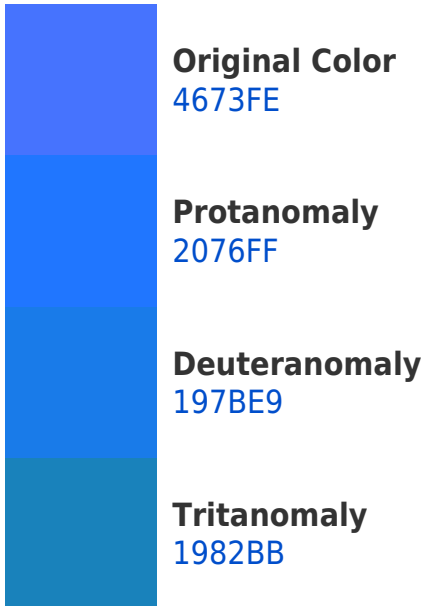
## Dichromacy



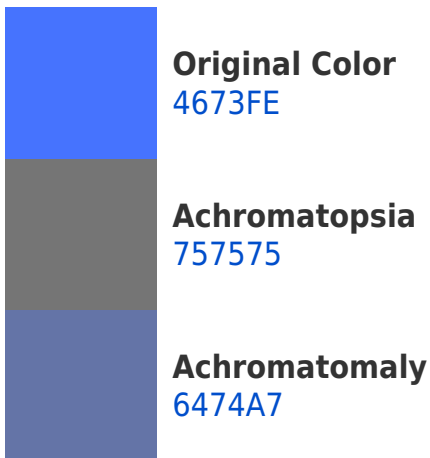


**Tritanopia**  
008A94

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4673FE 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 #4673FE looks like.

```
.text, #text, p{  
    color:#4673FE  
}
```

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 #4673FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4673FE
}
```

## Border

The CSS property to change the border of an element to Hex 4673FE 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
#4673FE }
```

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

```
.border{ border-color:#4673FE }
```

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

Here you see how a box with a 4 pixel #4673FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4673FE; -webkit-box-shadow:4px 4px  
4px 4px #4673FE; box-shadow:4px 4px 4px  
4px #4673FE }
```

# Background

The CSS property to change the background color of an element to Hex 4673FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4673FE }
```

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

```
.background{ background-color:#4673FE }
```

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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