

# Converting Colors

Hex(4671DF)

Have a look what the booklet for  
Hex(4671DF) contains.

<b>Hex(4671DF)</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(4671DF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4671DF
RGB	70, 113, 223
RGB Percent	27%, 44%, 87%
CMY	0.7255, 0.5569, 0.1255
CMYK	0.69, 0.49, 0.00, 0.13
HSL	223°, 71%, 57%
HSV	223°, 69%, 87%
XYZ	21.7502, 18.4401, 72.2250
YIQ	112.6830, -60.9380, 25.0940

# Conversions

## Conversions Part 2

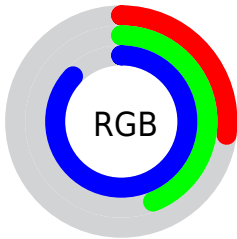
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	70, 104, 223
Decimal	4616671
CIE <sub>Lab</sub>	50.03, 21.24, -60.59
CIE <sub>LCh</sub>	50, 64.200, 289.316
Yxy	18.4401, 0.1935, 0.1640
Android (android.graphics.Color)	4282806751 (0xFF4671DF)
YUV	112.6830, 54.3863, -37.4330
Hunter-Lab	42.9419, 15.2625, -69.6619

# Details

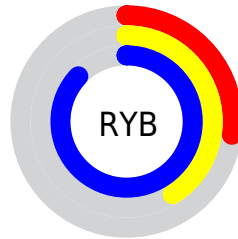
The Hex color **4671DF** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **DFB446**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **86A4FF**, and **0042A7** is the 20% darker color. If you saturate the color by 10%, you get **3061DF**, and if you desaturate by 10%, it is **5C81DF**.

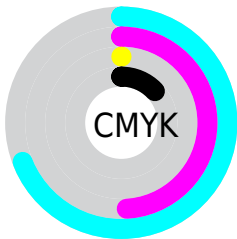
# Distribution



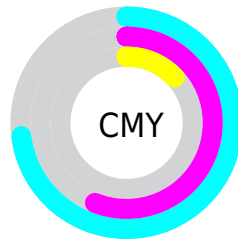
- Red (27%)
- Green (44%)
- Blue (87%)



- Red (27%)
- Yellow (41%)
- Blue (87%)



- Cyan (69%)
- Magenta (49%)
- Yellow (0%)
- Black (13%)



- Cyan (73%)
- Magenta (56%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4671DF 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 4671DF by changing the saturation by 10% instead.



■ 4671DF

■ 4671DF

FFFFFF

■ 1A59C3

■ 86A4FF

■ 0042A7

■ A4BFFF

■ 002D8C

■ C3DBFF

■ 001A72

■ E1F7FF

■ 000059

■ 000740

■ 000329

■ 000113

■ 000000

■ 4671DF

■ 4671DF

■ 3061DF

■ 5C81DF

■ 1951DF

■ 7391DF

■ 0341DF

■ 89A1DF

■ 003FDF

■ 9FB1DF

■ B6C1DF

■ CCD1DF

■ E2E1DF

■ F8F1DF

■ FFFFDF

# Harmonies

## Analogous

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



0083E3



4671DF



A457BF

# Triad

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



4671DF



C45523



008E61

# Complementary

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



4671DF



DFB446

# 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.



208928



4671DF



A06E00

# Square

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



4671DF



D73D56



6E7F00



00909A

# Rectangle

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



4671DF



C4449F



6E7F00



008D4E



# Sweetspot

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



4671DF



C9D9FF



46DFB4



606980



000000



808080



# Same Dimension

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



4671DF



2E69FF



6746DF



656870



0031B0



000E30



# Inverse Universe

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



DF4671



FF2E69



BEDF46



706568



B00031

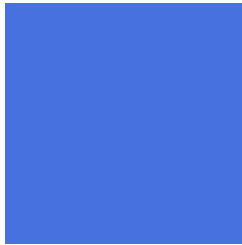


30000E



# Previews

## White Background



This preview shows how the Hex color 4671DF looks on a white background.

## Color Contrast Check

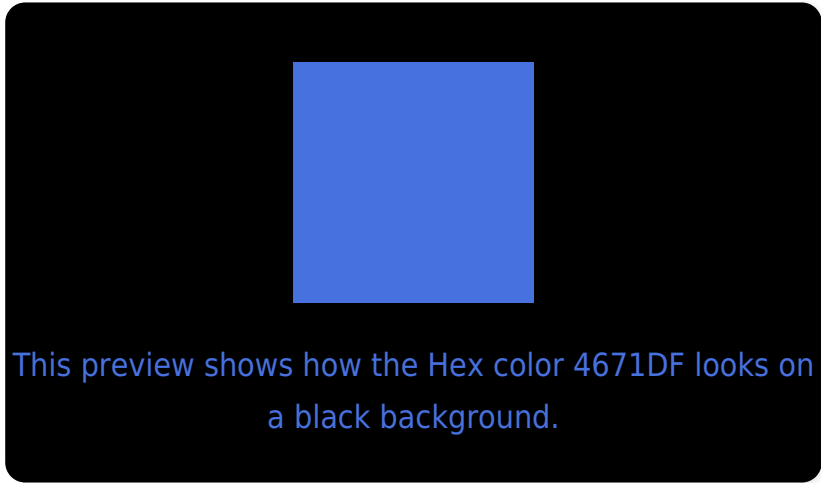
Large Text (above 18pt) WCAG AA ✓ Pass

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

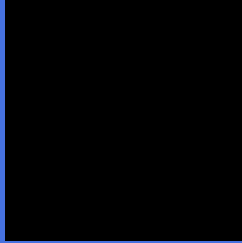
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4671DF Background



This preview shows how black text looks on a background with the Hex color 4671DF.



This preview shows how white text looks on a background with the Hex color 4671DF.

# 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](#).

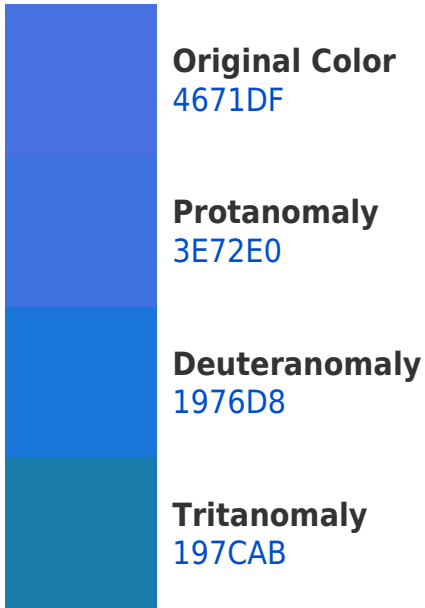
## Dichromacy



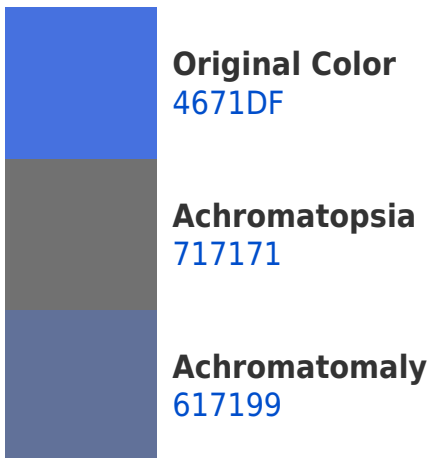


**Tritanopia**  
00838E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4671DF 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 #4671DF looks like.

```
.text, #text, p{  
    color:#4671DF  
}
```

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 #4671DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4671DF
}
```

## Border

The CSS property to change the border of an element to Hex 4671DF 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
#4671DF }
```

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

```
.border{ border-color:#4671DF }
```

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

Here you see how a box with a 4 pixel #4671DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4671DF; -webkit-box-shadow:4px 4px  
4px 4px #4671DF; box-shadow:4px 4px 4px  
4px #4671DF }
```

# Background

The CSS property to change the background color of an element to Hex 4671DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4671DF }
```

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

```
.background{ background-color:#4671DF }
```

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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