

# Converting Colors

Hex(4B6CF2)

Have a look what the booklet for  
Hex(4B6CF2) contains.

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# Color

Hex(4B6CF2)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4B6CF2
RGB	75, 108, 242
RGB Percent	29%, 42%, 95%
CMY	0.7059, 0.5765, 0.0510
CMYK	0.69, 0.55, 0.00, 0.05
HSL	228°, 87%, 62%
HSV	228°, 69%, 95%
XYZ	24.2912, 18.6318, 86.3204
YIQ	113.4090, -62.6820, 34.6780

# Conversions

## Conversions Part 2

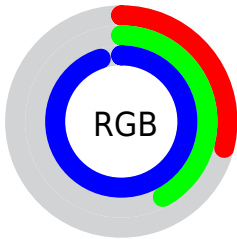
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">75, 103, 242</a>
Decimal	<a href="#">4943090</a>
CIELab	<a href="#">50.25, 31.73, -70.87</a>
CIElCh	<a href="#">50, 77.650, 294.116</a>
Yxy	<a href="#">18.6318, 0.1879, 0.1442</a>
Android (android.graphics.Color)	<a href="#">4283133170 (0xFF4B6CF2)</a>
YUV	<a href="#">113.4090, 63.3954, -33.6847</a>
Hunter-Lab	<a href="#">43.1646, 24.9145, -88.3529</a>

# Details

The Hex color **4B6CF2** 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 **F2D14B**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **8D9FFF**, and **003DB9** is the 20% darker color. If you saturate the color by 10%, you get **3359F2**, and if you desaturate by 10%, it is **637FF2**.

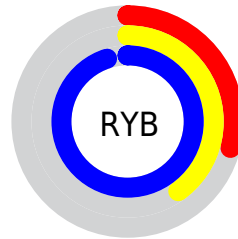
# Distribution



Red (29%)

Green (42%)

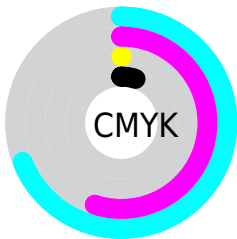
Blue (95%)



Red (29%)

Yellow (40%)

Blue (95%)

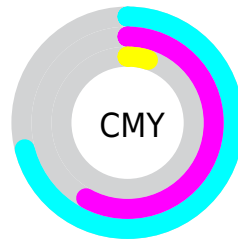


Cyan (69%)

Magenta (55%)

Yellow (0%)

Black (5%)



Cyan (71%)

Magenta (58%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B6CF2 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 4B6CF2 by changing the saturation by 10% instead.



 4B6CF2

 4B6CF2

FFFFFF

 1C54D5

 8D9FFF

 003DB9

 ADBAFF

 00299D

 CBD6FF

 001682

 EAF2FF

 000068

 000A4F

 000537

 000221

 000006

■ 4B6CF2

■ 4B6CF2

■ 3359F2

■ 637FF2

■ 1B45F2

■ 7B93F2

■ 0232F2

■ 94A6F2

■ 0030F2

■ ACBAF2

■ C4CDF2

■ DCE1F2

■ F4F4F2

■ FFFFF2

# Harmonies

## Analogous

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



0084FD



4B6CF2



B846C6

# Triad

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



4B6CF2



CB5100



009368

# Complementary

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



4B6CF2



F2D14B

# 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.



008E1F



4B6CF2



9C7000

# Square

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



4B6CF2



E62646



5E8400



0094AC

# Rectangle

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



4B6CF2



D9269E



5E8400



009151



# Sweetspot

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



4B6CF2



C9D4FF



4BF2D1



606680



000000



808080



# Same Dimension

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



4B6CF2



2B55FF



7D4BF2



6C6E78



0024B8



000B38



# Inverse Universe

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



F24B6C



FF2B55



C0F24B



786C6E



B80024

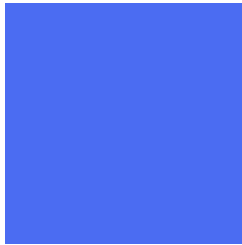


38000B



# Previews

## White Background



This preview shows how the Hex color 4B6CF2 looks on a white background.

## Color Contrast Check

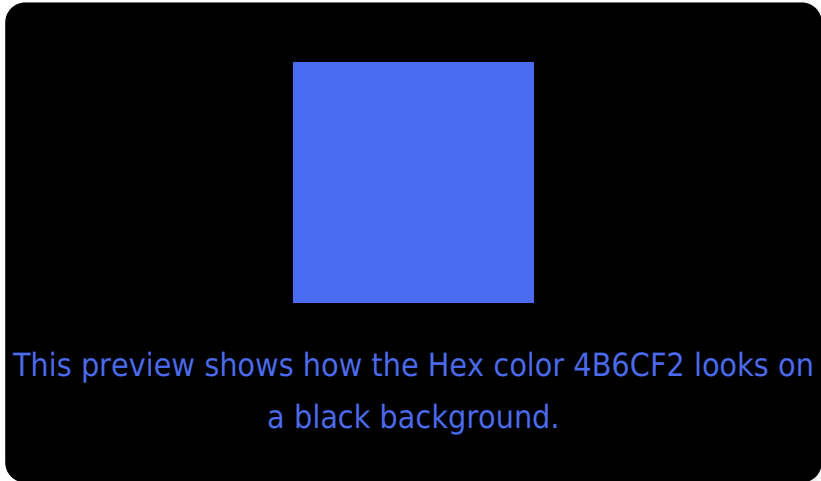
Large Text (above 18pt) WCAG AA ✓ Pass

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

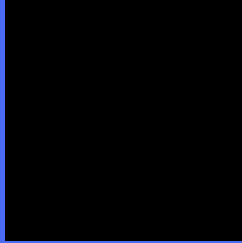
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4B6CF2 Background



This preview shows how black text looks on a background with the Hex color 4B6CF2.

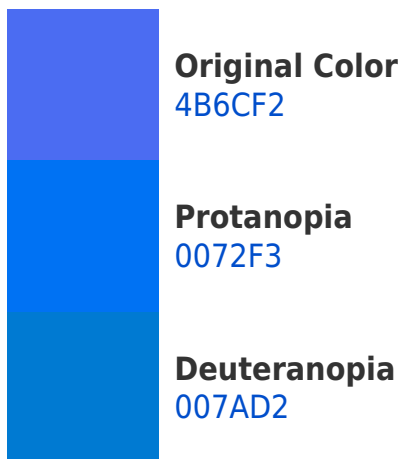


This preview shows how white text looks on a background with the Hex color 4B6CF2.

# 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](#).

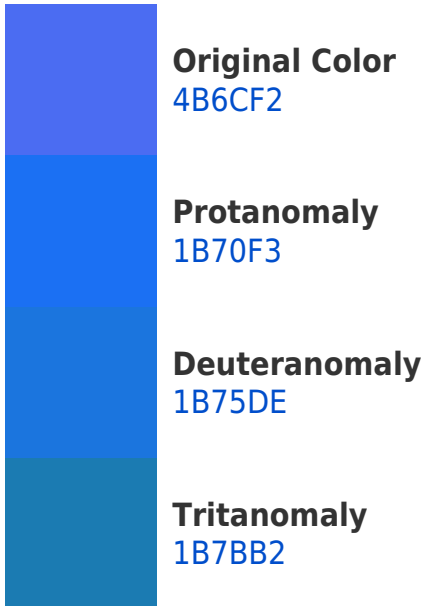
## Dichromacy





**Tritanopia**  
00848E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B6CF2 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 #4B6CF2 looks like.

```
.text, #text, p{  
    color:#4B6CF2  
}
```

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 #4B6CF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B6CF2
}
```

## Border

The CSS property to change the border of an element to Hex 4B6CF2 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
#4B6CF2 }
```

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

```
.border{ border-color:#4B6CF2 }
```

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

Here you see how a box with a 4 pixel #4B6CF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B6CF2; -webkit-box-shadow:4px 4px  
4px 4px #4B6CF2; box-shadow:4px 4px 4px  
4px #4B6CF2 }
```

# Background

The CSS property to change the background color of an element to Hex 4B6CF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B6CF2 }
```

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

```
.background{ background-color:#4B6CF2 }
```

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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