

# Converting Colors

Hex(4B21F0)

Have a look what the booklet for  
Hex(4B21F0) contains.

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# Color

**Hex(4B21F0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4B21F0
RGB	75, 33, 240
RGB Percent	29%, 13%, 94%
CMY	0.7059, 0.8706, 0.0588
CMYK	0.69, 0.86, 0.00, 0.06
HSL	252°, 87%, 54%
HSV	252°, 86%, 94%
XYZ	19.1737, 8.8748, 83.1405
YIQ	69.1560, -41.4150, 73.2810

# Conversions

## Conversions Part 2

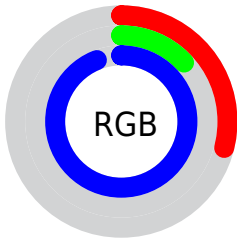
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	75, 33, 240
Decimal	4923888
CIE <sub>Lab</sub>	35.74, 70.22, -93.59
CIE <sub>LCh</sub>	36, 117.002, 306.878
Yxy	8.8748, 0.1724, 0.0798
Android (android.graphics.Color)	4283113968 (0xFF4B21F0)
YUV	69.1560, 84.2261, 5.1252
Hunter-Lab	29.7907, 62.7514, -144.6145

# Details

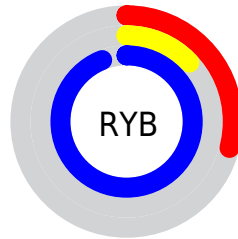
The Hex color **4B21F0** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed blue. A complement of this color would be **C6F021**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **9259FF**, and **0000B6** is the 20% darker color. If you saturate the color by 10%, you get **3809F0**, and if you desaturate by 10%, it is **5E39F0**.

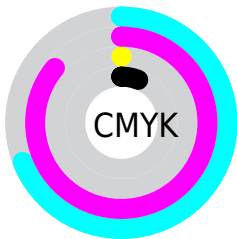
# Distribution



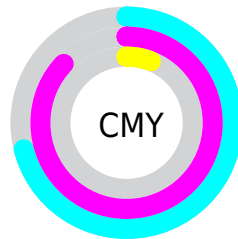
- Red (29%)
- Green (13%)
- Blue (94%)



- Red (29%)
- Yellow (13%)
- Blue (94%)



- Cyan (69%)
- Magenta (86%)
- Yellow (0%)
- Black (6%)



- Cyan (71%)
- Magenta (87%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B21F0 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 4B21F0 by changing the saturation by 10% instead.



 4B21F0

 4B21F0

FFFFFF

 1200D3

 9259FF

 0000B6

 B274FF

 00009A

 D28FFF

 00007F

 F2ABFF

 000A65

 FFC7FF

 00094C

 FFE4FF

 000434

 00021E

 000000

■ 4B21F0

■ 4B21F0

■ 3809F0

■ 5E39F0

■ 3100F0

■ 7151F0

■ 8469F0

■ 9881F0

■ AB99F0

■ BEB1F0

■ D1C9F0

■ E4E1F0

■ F7F9F0

# Harmonies

## Analogous

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



0060FF



4B21F0



C900A0

# Triad

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



4B21F0



9E2A00



007169

# Complementary

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



4B21F0



C6F021

# 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.



006E00



4B21F0



545900

# Square

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



4B21F0



D20000



006900



0074C6

# Rectangle

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



4B21F0



E30063



006900



007048



# Sweetspot

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



4B21F0



CABDFF



21C7F0



605880



000000



808080



# Same Dimension

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



4B21F0



3400FF



B221F0



6E6C78



2500B8



0B0038



# Inverse Universe

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



F021C6



FF00CB



5FF021



786C75



B80092

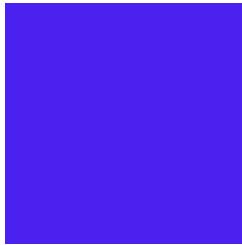


38002D



# Previews

## White Background



This preview shows how the Hex color 4B21F0 looks on a white 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

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

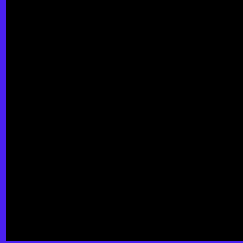
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4B21F0 Background



This preview shows how black text looks on a background with the Hex color 4B21F0.



This preview shows how white text looks on a background with the Hex color 4B21F0.

# 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



**Original Color**  
4B21F0

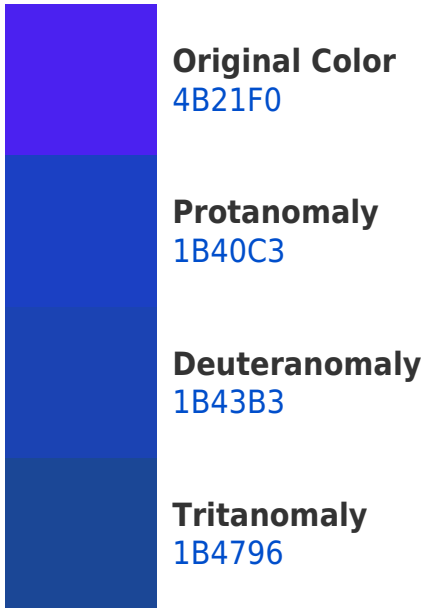
**Protanopia**  
0051A9

**Deuteranopia**  
005690



**Tritanopia**  
005D63

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B21F0 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 #4B21F0 looks like.

```
.text, #text, p{  
    color:#4B21F0  
}
```

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 #4B21F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B21F0
}
```

## Border

The CSS property to change the border of an element to Hex 4B21F0 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
#4B21F0 }
```

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

```
.border{ border-color:#4B21F0 }
```

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

Here you see how a box with a 4 pixel #4B21F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B21F0; -webkit-box-shadow:4px 4px  
4px 4px #4B21F0; box-shadow:4px 4px 4px  
4px #4B21F0 }
```

# Background

The CSS property to change the background color of an element to Hex 4B21F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B21F0 }
```

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

```
.background{ background-color:#4B21F0 }
```

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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