

# Converting Colors

Hex(4B37F6)

Have a look what the booklet for  
Hex(4B37F6) contains.

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# Color

**Hex(4B37F6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4B37F6
RGB	75, 55, 246
RGB Percent	29%, 22%, 96%
CMY	0.7059, 0.7843, 0.0353
CMYK	0.70, 0.78, 0.00, 0.04
HSL	246°, 91%, 59%
HSV	246°, 78%, 96%
XYZ	20.9024, 10.8821, 88.1875
YIQ	82.7540, -49.3910, 63.6410

# Conversions

## Conversions Part 2

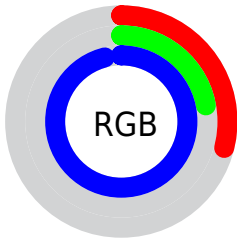
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	75, 55, 246
Decimal	4929526
CIE Lab	39.38, 63.09, -90.94
CIE LCh	39, 110.685, 304.750
Yxy	10.8821, 0.1742, 0.0907
Android (android.graphics.Color)	4283119606 (0xFF4B37F6)
YUV	82.7540, 80.4803, -6.8003
Hunter-Lab	32.9880, 55.3753, -135.4099

# Details

The Hex color **4B37F6** 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 **E2F637**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **926AFF**, and **0000BC** is the 20% darker color. If you saturate the color by 10%, you get **351EF6**, and if you desaturate by 10%, it is **6150F6**.

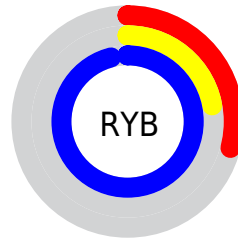
# Distribution



Red (29%)

Green (22%)

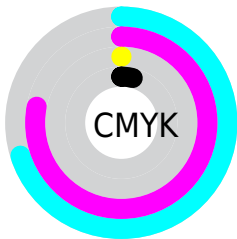
Blue (96%)



Red (29%)

Yellow (22%)

Blue (96%)

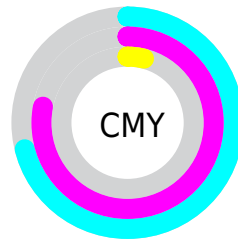


Cyan (70%)

Magenta (78%)

Yellow (0%)

Black (4%)



Cyan (71%)

Magenta (78%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B37F6 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 4B37F6 by changing the saturation by 10% instead.



 4B37F6

 4B37F6

FFFFFF

 121DD9

 926AFF

 0000BC

 B285FF

 0000A0

 D2A0FF

 000085

 F1BCFF

 00056A

 FFD8FF

 000B51

 FFF5FF

 000539

 000223

 000009

■ 4B37F6

■ 4B37F6

■ 351EF6

■ 6150F6

■ 1F06F6

■ 7768F6

■ 1A00F6

■ 8D81F6

■ A399F6

■ B9B2F6

■ CFCBF6

■ E5E3F6

■ FBFCF6

■ FFFFF6

# Harmonies

## Analogous

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



0069FF



4B37F6



CB00AC

# Triad

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



4B37F6



AB3200



007A6A

# Complementary

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



4B37F6



E2F637

# 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.



007700



4B37F6



655F00

# Square

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



4B37F6



DC0000



007100



007CC4

# Rectangle

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



4B37F6



E70071



007100



00794A



# Sweetspot

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



4B37F6



CAC4FF



37E3F6



605C80



000000



808080



# Same Dimension

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



4B37F6



2B12FF



AA37F6



6F6E7A



1300BA



06003B



# Inverse Universe

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



F637E2



FF12E6



83F637



7A6E79



BA00A7

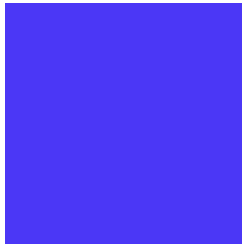


3B0035



# Previews

## White Background



This preview shows how the Hex color 4B37F6 looks on a white background.

## Color Contrast Check

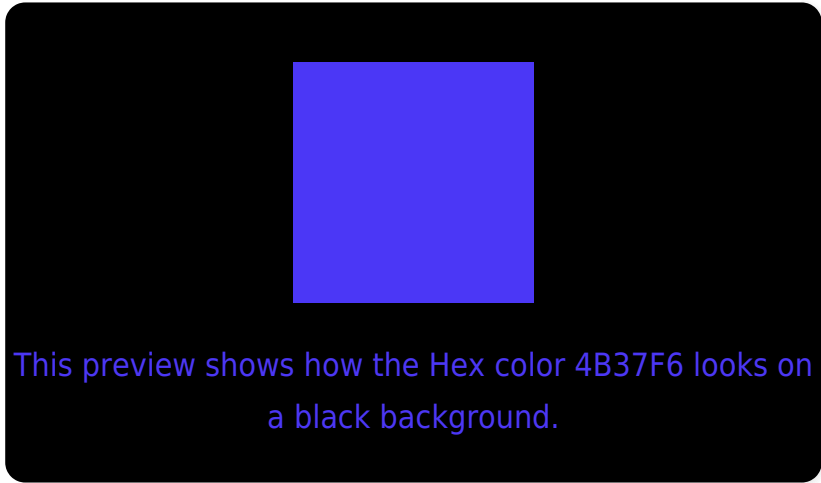
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

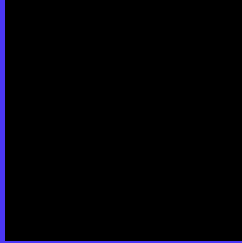
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4B37F6 Background



This preview shows how black text looks on a background with the Hex color 4B37F6.



This preview shows how white text looks on a background with the Hex color 4B37F6.

# 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**  
00666D

# Trichromacy



**Original Color**  
4B37F6

**Protanomaly**  
1B4DD0

**Deuteranomaly**  
1B50BF

**Tritanomaly**  
1B559F

# Monochromacy



**Original Color**  
4B37F6

**Achromatopsia**  
535353

**Achromatomaly**  
50498E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B37F6 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 #4B37F6 looks like.

```
.text, #text, p{  
    color:#4B37F6  
}
```

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 #4B37F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B37F6
}
```

## Border

The CSS property to change the border of an element to Hex 4B37F6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

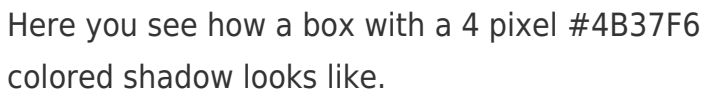
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B37F6 }
```

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

```
.border{ border-color:#4B37F6 }
```

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



Here you see how a box with a 4 pixel #4B37F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B37F6; -webkit-box-shadow:4px 4px  
4px 4px #4B37F6; box-shadow:4px 4px 4px  
4px #4B37F6 }
```

# Background

The CSS property to change the background color of an element to Hex 4B37F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B37F6 }
```

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

```
.background{ background-color:#4B37F6 }
```

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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