

# Converting Colors

Hex(4B37E2)

Have a look what the booklet for  
Hex(4B37E2) contains.

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# Color

Hex(4B37E2)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4B37E2
RGB	75, 55, 226
RGB Percent	29%, 22%, 89%
CMY	0.7059, 0.7843, 0.1137
CMYK	0.67, 0.76, 0.00, 0.11
HSL	247°, 75%, 55%
HSV	247°, 76%, 89%
XYZ	17.9953, 9.7192, 72.8790
YIQ	80.4740, -42.9710, 57.4210

# Conversions

## Conversions Part 2

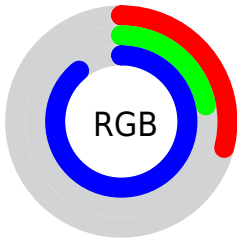
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	75, 55, 226
Decimal	4929506
CIE <sub>Lab</sub>	37.33, 57.22, -82.99
CIE <sub>LCh</sub>	37, 100.808, 304.584
Yxy	9.7192, 0.1789, 0.0966
Android (android.graphics.Color)	4283119586 (0xFF4B37E2)
YUV	80.4740, 71.7443, -4.8007
Hunter-Lab	31.1757, 48.4769, -116.7787

# Details

The Hex color **4B37E2** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **CEE237**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **8E69FF**, and **0001A9** is the 20% darker color. If you saturate the color by 10%, you get **3720E2**, and if you desaturate by 10%, it is **5F4EE2**.

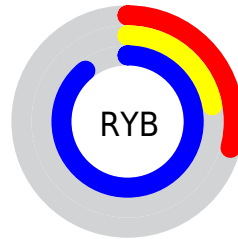
# Distribution



Red (29%)

Green (22%)

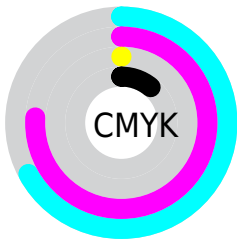
Blue (89%)



Red (29%)

Yellow (22%)

Blue (89%)

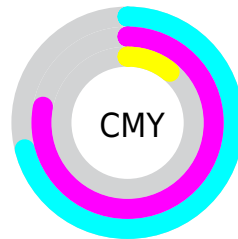


Cyan (67%)

Magenta (76%)

Yellow (0%)

Black (11%)



Cyan (71%)

Magenta (78%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B37E2 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 4B37E2 by changing the saturation by 10% instead.



 4B37E2

 4B37E2

FFFFFF

 1C1EC5

 8E69FF

 0001A9

 AD84FF

 00008E

 CC9EFF

 000073

 EBBAFF

 000B59

 FFD6FF

 000741

 FFF3FF

 00032A

 000114

 000000

 4B37E2

 4B37E2

 3720E2

 5F4EE2

 230AE2

 7364E2

 1A00E2

 877BE2

 9B91E2

 AFA8E2

 C3BFE2

 D7D5E2

 EBECE2

 FFFFE2

# Harmonies

## Analogous

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



0062FF



4B37E2



BB00A0

# Triad

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



4B37E2



A03200



007363

# Complementary

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



4B37E2



CEE237

# 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.



007000



4B37E2



615A00

# Square

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



4B37E2



CC0000



006A00



0075B4

# Rectangle

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



4B37E2



D5006B



006A00



007246



# Sweetspot

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



4B37E2



CBC4FF



37CEE2



605C80



000000



808080



# Same Dimension

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



4B37E2



3217FF



A037E2



666570



1500B0



060030



# Inverse Universe

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



E237CE



FF17E4



79E237



70656F



B0009B

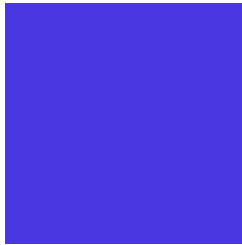


30002B



# Previews

## White Background



This preview shows how the Hex color 4B37E2 looks on a white background.

## Color Contrast Check

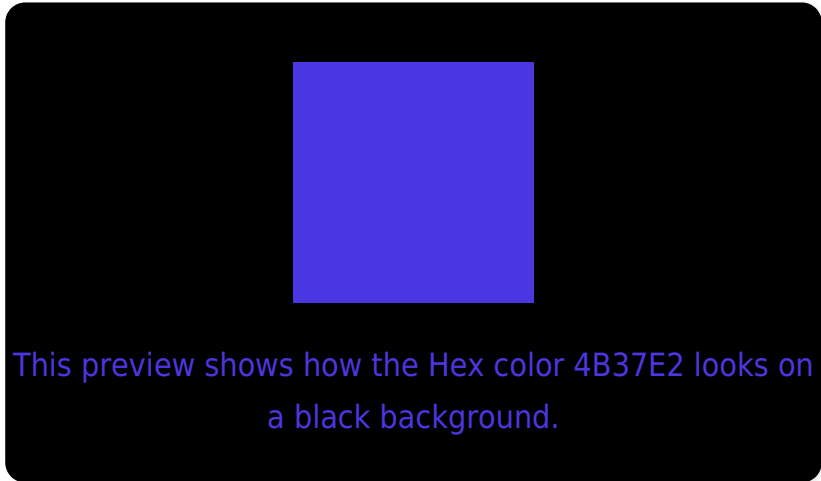
Large Text (above 18pt) WCAG AA ✓ Pass

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

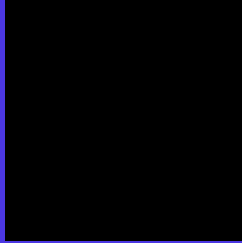
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4B37E2 Background



This preview shows how black text looks on a background with the Hex color 4B37E2.

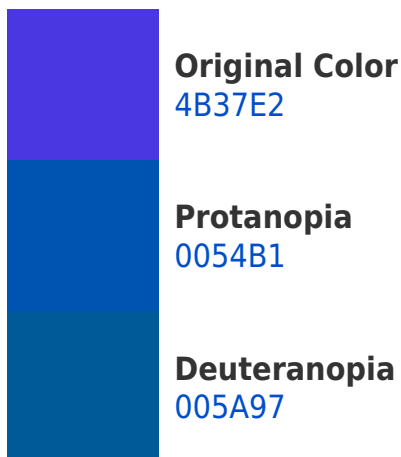


This preview shows how white text looks on a background with the Hex color 4B37E2.

# 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





# Trichromacy



**Original Color**  
4B37E2

**Protanomaly**  
1B49C3

**Deuteranomaly**  
1B4DB2

**Tritanomaly**  
1B5294

# Monochromacy



**Original Color**  
4B37E2

**Achromatopsia**  
505050

**Achromatomaly**  
4E4785

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B37E2 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 #4B37E2 looks like.

```
.text, #text, p{  
    color:#4B37E2  
}
```

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 #4B37E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B37E2
}
```

## Border

The CSS property to change the border of an element to Hex 4B37E2 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
#4B37E2 }
```

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

```
.border{ border-color:#4B37E2 }
```

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

Here you see how a box with a 4 pixel #4B37E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B37E2; -webkit-box-shadow:4px 4px  
4px 4px #4B37E2; box-shadow:4px 4px 4px  
4px #4B37E2 }
```

# Background

The CSS property to change the background color of an element to Hex 4B37E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B37E2 }
```

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

```
.background{ background-color:#4B37E2 }
```

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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