

Converting Colors

Hex(4B2EF1)

Have a look what the booklet for
Hex(4B2EF1) contains.

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Color

Hex(4B2EF1)

Conversions

Conversions Part 1

Format	Color
Hex	4B2EF1
RGB	75, 46, 241
RGB Percent	29%, 18%, 95%
CMY	0.7059, 0.8196, 0.0549
CMYK	0.69, 0.81, 0.00, 0.05
HSL	249°, 87%, 56%
HSV	249°, 81%, 95%
XYZ	19.7558, 9.8007, 84.0696
YIQ	76.9010, -45.3110, 66.7930

Conversions

Conversions Part 2

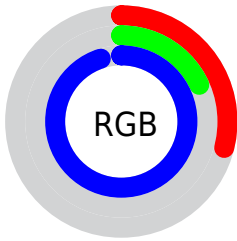
Format	Color
R _Y B	75, 46, 241
Decimal	4927217
CIE Lab	37.48, 65.65, -91.27
CIE LCh	37, 112.429, 305.728
Yxy	9.8007, 0.1739, 0.0863
Android (android.graphics.Color)	4283117297 (0xFF4B2EF1)
YUV	76.9010, 80.9008, -1.6672
Hunter-Lab	31.3061, 57.8574, -137.3034

Details

The Hex color **4B2EF1** 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 **D4F12E**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **9162FF**, and **0000B7** is the 20% darker color. If you saturate the color by 10%, you get **3616F1**, and if you desaturate by 10%, it is **6046F1**.

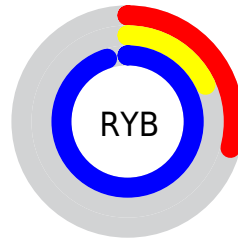
Distribution



Red (29%)

Green (18%)

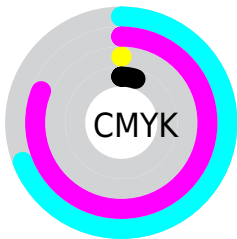
Blue (95%)



Red (29%)

Yellow (18%)

Blue (95%)

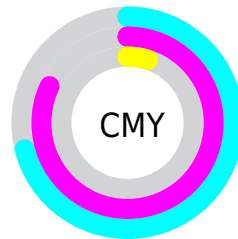


Cyan (69%)

Magenta (81%)

Yellow (0%)

Black (5%)



Cyan (71%)

Magenta (82%)

Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Hex color 4B2EF1 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 4B2EF1 by changing the saturation by 10% instead.

 4B2EF1

 4B2EF1

FFFFFF

 1310D4

 9162FF

 0000B7

 B17DFF

 00009B

 D198FF

 000080

 F1B4FF

 000866

 FFD0FF

 000A4D

 FFEDFF

 000535

 00021F

 000002

 4B2EF1

 4B2EF1

 3616F1

 6046F1

 2400F1

 745EF1

 8976F1

 9D8EF1

 B2A6F1

 C6BFF1

 DBD7F1

 EFEFF1

 FFFFF1

Harmonies

Analogous

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



0064FF



4B2EF1



C800A5

Triad

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



4B2EF1



A42E00



007569

Complementary

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



4B2EF1



D4F12E

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.



007200



4B2EF1



5D5C00

Square

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



4B2EF1



D60000



006C00



0078C3

Rectangle

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



4B2EF1



E3006A



006C00



007448

Sweetspot

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



4B2EF1



CBC2FF



2ED7F1



605B80



000000



808080

Same Dimension

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



4B2EF1



2C08FF



AA2EF1



6E6C78



1B00B8



080038

Inverse Universe

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



F12ED4



FF08DA



76F12E



786C76



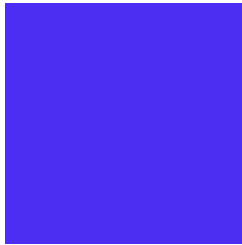
B8009C



380030

Previews

White Background



This preview shows how the Hex color 4B2EF1 looks on a white background.

Color Contrast Check

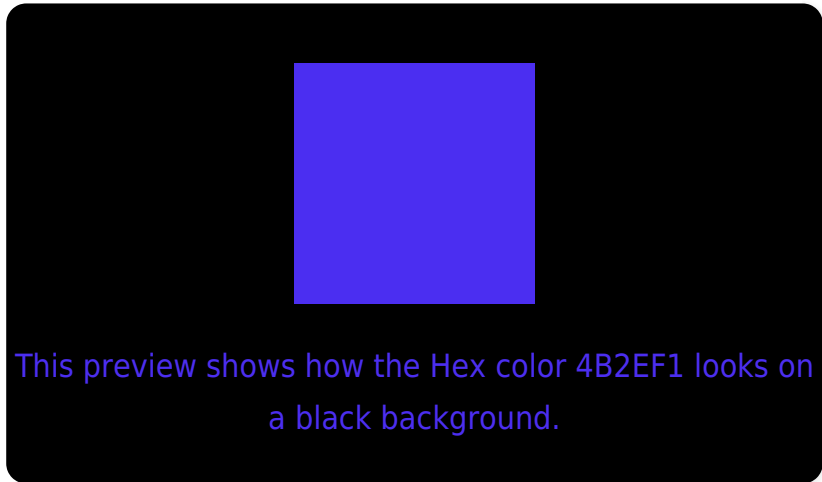
Large Text (above 18pt) WCAG AA ✓ Pass

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

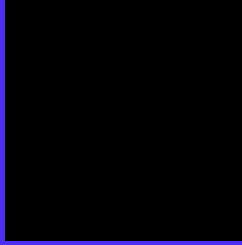
Any Text WCAG AA × Fail

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 4B2EF1 Background



This preview shows how black text looks on a background with the Hex color 4B2EF1.



This preview shows how white text looks on a background with the Hex color 4B2EF1.

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
4B2EF1

Protanopia
0054B2

Deuteranopia
005A97

Trichromacy



Original Color
4B2EF1

Protanomaly
1B46C9

Deuteranomaly
1B4AB8

Tritanomaly
1B4E99

Monochromacy



Original Color
4B2EF1

Achromatopsia
4D4D4D

Achromatomaly
4C4289

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B2EF1 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 #4B2EF1 looks like.

```
.text, #text, p{  
    color:#4B2EF1  
}
```

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 #4B2EF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B2EF1
}
```

Border

The CSS property to change the border of an element to Hex 4B2EF1 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
#4B2EF1 }
```

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

```
.border{ border-color:#4B2EF1 }
```

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

Here you see how a box with a 4 pixel #4B2EF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B2EF1; -webkit-box-shadow:4px 4px  
4px 4px #4B2EF1; box-shadow:4px 4px 4px  
4px #4B2EF1 }
```

Background

The CSS property to change the background color of an element to Hex 4B2EF1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B2EF1 }
```

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

```
.background{ background-color:#4B2EF1 }
```

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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