

Converting Colors

Hex(4B1EAB)

Have a look what the booklet for
Hex(4B1EAB) contains.

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Color

Hex(4B1EAB)

Conversions

Conversions Part 1

Format	Color
Hex	4B1EAB
RGB	75, 30, 171
RGB Percent	29%, 12%, 67%
CMY	0.7059, 0.8824, 0.3294
CMYK	0.56, 0.82, 0.00, 0.33
HSL	259°, 70%, 39%
HSV	259°, 82%, 67%
XYZ	10.7166, 5.3647, 38.9987
YIQ	59.5290, -18.4410, 53.3910

Conversions

Conversions Part 2

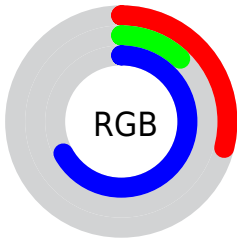
Format	Color
R_{YB}	75, 30, 171
Decimal	4923051
CIE _{Lab}	27.75, 52.98, -66.60
CIE _{LCh}	28, 85.104, 308.498
Yxy	5.3647, 0.1946, 0.0974
Android (android.graphics.Color)	4283113131 (0xFF4B1EAB)
YUV	59.5290, 54.9552, 13.5681
Hunter-Lab	23.1618, 42.0562, -83.6166

Details

The Hex color **4B1EAB** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **7EAB1E**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **8651E4**, and **000075** is the 20% darker color. If you saturate the color by 10%, you get **3F0DAB**, and if you desaturate by 10%, it is **572FAB**.

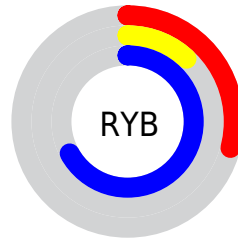
Distribution



Red (29%)

Green (12%)

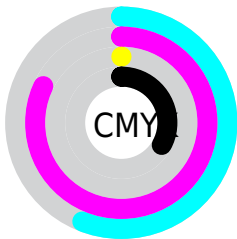
Blue (67%)



Red (29%)

Yellow (12%)

Blue (67%)

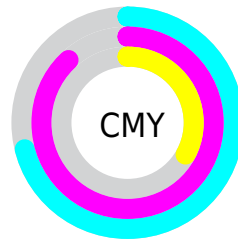


Cyan (56%)

Magenta (82%)

Yellow (0%)

Black (33%)



Cyan (71%)

Magenta (88%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B1EAB 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 4B1EAB by changing the saturation by 10% instead.

4B1EAB

4B1EAB

FFFFFF

2A0090

8651E4

000075

A36BFF

00005C

C185FF

000743

DFA0FF

00032C

FDBCFF

000116

FFD8FF

000000

FFF5FF

4B1EAB

4B1EAB

■ 3F0DAB

■ 572FAB

■ 3700AB

■ 6240AB

■ 6E51AB

■ 7A62AB

■ 8573AB

■ 9185AB

■ 9C96AB

■ A8A7AB

■ B4B8AB

Harmonies

Analogous

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



0047C8



4B1EAB



970073

Triad

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



4B1EAB



752900



005754

Complementary

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



4B1EAB



7EAB1E

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.



005507



4B1EAB



404600

Square

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



4B1EAB



9B0000



005100



005994

Rectangle

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



4B1EAB



A80048



005100



00573D

Sweetspot

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



4B1EAB



B8A6DE



1E7EAB



594F70



F0F0F0



707070

Same Dimension

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



4B1EAB



4802DE



911EAB



514E57



300096



070017

Inverse Universe

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



AB1E7E



DE0298



38AB1E



574E54



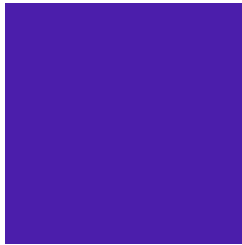
960066



170010

Previews

White Background



This preview shows how the Hex color 4B1EAB looks on a white background.

Color Contrast Check

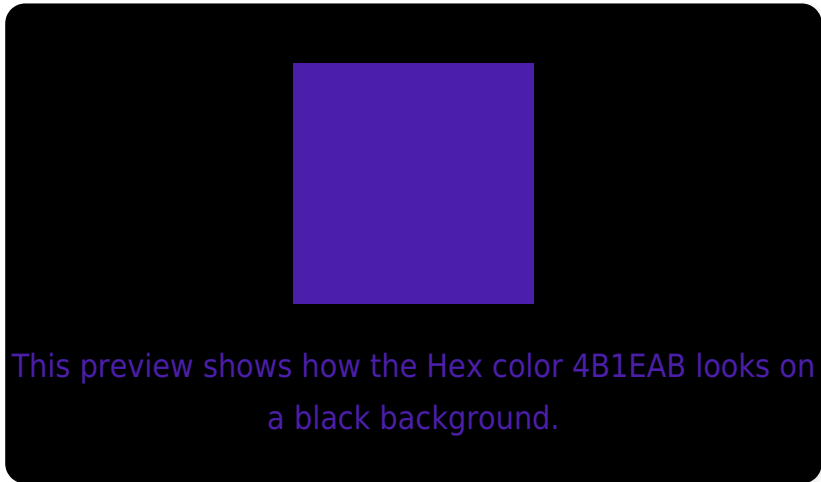
Large Text (above 18pt) WCAG AA ✓ Pass

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

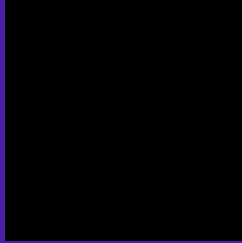
Any Text WCAG AA × Fail

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 4B1EAB Background



This preview shows how black text looks on a background with the Hex color 4B1EAB.



This preview shows how white text looks on a background with the Hex color 4B1EAB.

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
4B1EAB

Protanopia
004086

Deuteranopia
004473



Tritanopia
28474D

Trichromacy



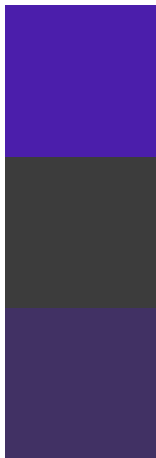
Original Color
4B1EAB

Protanomaly
1B3493

Deuteranomaly
1B3687

Tritanomaly
35386F

Monochromacy



Original Color
4B1EAB

Achromatopsia
3C3C3C

Achromatomaly
413164

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B1EAB 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 #4B1EAB looks like.

```
.text, #text, p{  
    color:#4B1EAB  
}
```

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 #4B1EAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B1EAB
}
```

Border

The CSS property to change the border of an element to Hex 4B1EAB 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
#4B1EAB }
```

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

```
.border{ border-color:#4B1EAB }
```

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

Here you see how a box with a 4 pixel #4B1EAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B1EAB; -webkit-box-shadow:4px 4px  
4px 4px #4B1EAB; box-shadow:4px 4px 4px  
4px #4B1EAB }
```

Background

The CSS property to change the background color of an element to Hex 4B1EAB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B1EAB }
```

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

```
.background{ background-color:#4B1EAB }
```

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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