

Converting Colors

Hex(4E0BB3)

Have a look what the booklet for
Hex(4E0BB3) contains.

Hex(4E0BB3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4E0BB3)

Conversions

Conversions Part 1

Format	Color
Hex	4E0BB3
RGB	78, 11, 179
RGB Percent	31%, 4%, 70%
CMY	0.6941, 0.9569, 0.2980
CMYK	0.56, 0.94, 0.00, 0.30
HSL	264°, 88%, 37%
HSV	264°, 94%, 70%
XYZ	11.3982, 5.1137, 43.0341
YIQ	50.1850, -13.9960, 66.4520

Conversions

Conversions Part 2

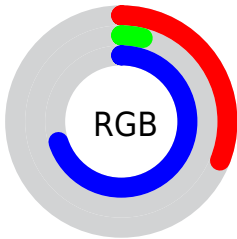
Format	Color
R_{YB}	78, 11, 179
Decimal	5114803
CIE _{Lab}	27.06, 60.98, -72.54
CIE _{LCh}	27, 94.765, 310.052
Yxy	5.1137, 0.1914, 0.0859
Android (android.graphics.Color)	4283304883 (0xFF4E0BB3)
YUV	50.1850, 63.5058, 24.3938
Hunter-Lab	22.6135, 50.3984, -97.0009

Details

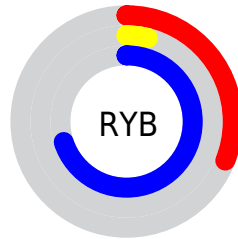
The Hex color **4E0BB3** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **70B30B**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **8B47EC**, and **00007D** is the 20% darker color. If you saturate the color by 10%, you get **4700B3**, and if you desaturate by 10%, it is **591DB3**.

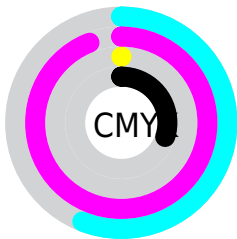
Distribution



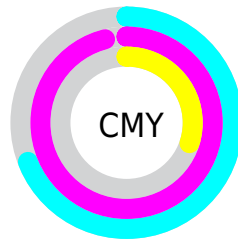
- Red (31%)
- Green (4%)
- Blue (70%)



- Red (31%)
- Yellow (4%)
- Blue (70%)



- Cyan (56%)
- Magenta (94%)
- Yellow (0%)
- Black (30%)



- Cyan (69%)
- Magenta (96%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E0BB3 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 4E0BB3 by changing the saturation by 10% instead.

4E0BB3

4E0BB3

FFFFFF

2B0097

8B47EC

00007D

A862FF

000063

C67DFF

00054A

E498FF

000432

FFB4FF

00021C

FFD0FF

000000

FFEDFF

4E0BB3

4E0BB3

4700B3

591DB3

642FB3

6E41B3

7953B3

8465B3

8F76B3

9988B3

A49AB3

AFACB3

Harmonies

Analogous

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



0046D6



4E0BB3



A00073

Triad

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



4E0BB3



752600



005758

Complementary

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



4E0BB3



70B30B

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.



005502



4E0BB3



394500

Square

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



4E0BB3



9F0000



005100



00599F

Rectangle

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



4E0BB3



B00044



005100



00563E

Sweetspot

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



4E0BB3



C1A7E8



0B73B3



5D4D75



F5F5F5



757575

Same Dimension

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



4E0BB3



5D00E8



9F0BB3



545059



3D0099



0A001A

Inverse Universe

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



B30B70



E8008C



1FB30B



595056



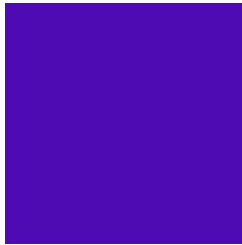
99005C



1A000F

Previews

White Background



This preview shows how the Hex color 4E0BB3 looks on a white background.

Color Contrast Check

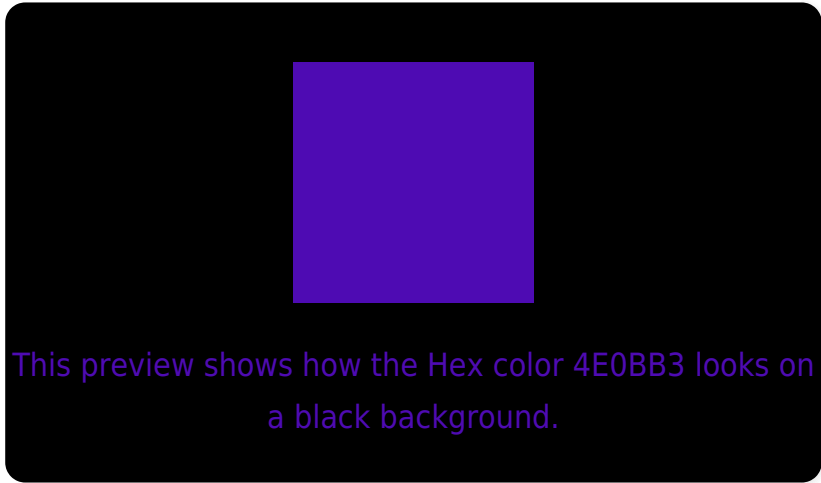
Large Text (above 18pt) WCAG AA ✓ Pass

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

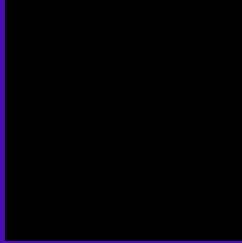
Any Text WCAG AA × Fail

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 4E0BB3 Background



This preview shows how black text looks on a background with the Hex color 4E0BB3.



This preview shows how white text looks on a background with the Hex color 4E0BB3.

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](#).

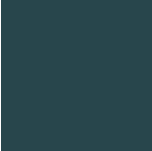
Dichromacy



Original Color
4E0BB3

Protanopia
003F85

Deuteranopia
004371



Tritanopia
28464C

Trichromacy



Original Color
4E0BB3

Protanomaly
1C2C96

Deuteranomaly
1C2F89

Tritanomaly
363171

Monochromacy



Original Color
4E0BB3

Achromatopsia
323232

Achromatomaly
3C2461

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E0BB3 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 #4E0BB3 looks like.

```
.text, #text, p{  
    color:#4E0BB3  
}
```

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 #4E0BB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E0BB3
}
```

Border

The CSS property to change the border of an element to Hex 4E0BB3 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".

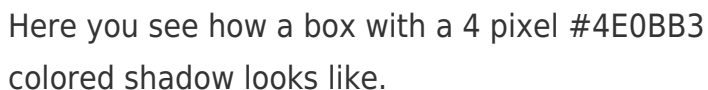
```
.border, #border, table{ border:4px solid
#4E0BB3 }
```

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

```
.border{ border-color:#4E0BB3 }
```

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

Here you see how a box with a 4 pixel #4E0BB3 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E0BB3; -webkit-box-shadow:4px 4px  
4px 4px #4E0BB3; box-shadow:4px 4px 4px  
4px #4E0BB3 }
```

Background

The CSS property to change the background color of an element to Hex 4E0BB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E0BB3 }
```

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

```
.background{ background-color:#4E0BB3 }
```

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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