

Converting Colors

Hex(4E0CB9)

Have a look what the booklet for
Hex(4E0CB9) contains.

Hex(4E0CB9)	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(4E0CB9)

Conversions

Conversions Part 1

Format	Color
Hex	4E0CB9
RGB	78, 12, 185
RGB Percent	31%, 5%, 73%
CMY	0.6941, 0.9529, 0.2745
CMYK	0.58, 0.94, 0.00, 0.27
HSL	263°, 88%, 39%
HSV	263°, 94%, 73%
XYZ	12.0303, 5.3854, 46.3044
YIQ	51.4560, -16.1970, 67.7950

Conversions

Conversions Part 2

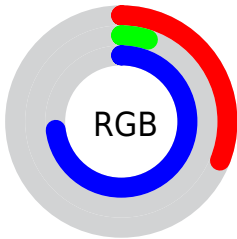
Format	Color
R_{YB}	78, 12, 185
Decimal	5115065
CIE _{Lab}	27.81, 62.23, -74.87
CIE _{LCh}	28, 97.356, 309.729
Yxy	5.3854, 0.1888, 0.0845
Android (android.graphics.Color)	4283305145 (0xFF4E0CB9)
YUV	51.4560, 65.8372, 23.2791
Hunter-Lab	23.2065, 51.9234, -102.0578

Details

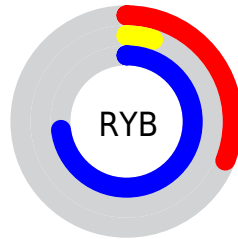
The Hex color **4E0CB9** is a dark color, and the websafe version is hex **6600CC**. A complement of this color would be **77B90C**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **8C48F2**, and **000082** is the 20% darker color. If you saturate the color by 10%, you get **4700B9**, and if you desaturate by 10%, it is **591EB9**.

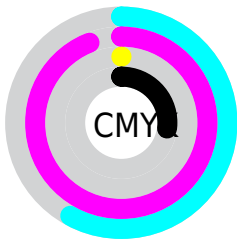
Distribution



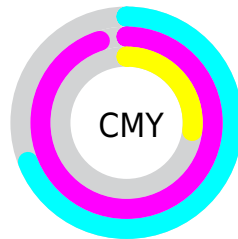
- Red (31%)
- Green (5%)
- Blue (73%)



- Red (31%)
- Yellow (5%)
- Blue (73%)



- Cyan (58%)
- Magenta (94%)
- Yellow (0%)
- Black (27%)



- Cyan (69%)
- Magenta (95%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E0CB9 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 4E0CB9 by changing the saturation by 10% instead.

 4E0CB9

 4E0CB9

FFFFFF

 2A009D

 8C48F2

 000082

 AA63FF

 000068

 C87EFF

 00034F

 E699FF

 000537

 FF55FF

 000221

 FFD1FF

 000005

 FFEEFF

 000000

 4E0CB9

 4E0CB9

4700B9

591EB9

6531B9

7043B9

7C56B9

8768B9

937BB9

9E8DB9

AAA0B9

B5B2B9

Harmonies

Analogous

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



0049DC



4E0CB9



A40077

Triad

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



4E0CB9



782600



00595A

Complementary

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



4E0CB9



77B90C

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.



005700



4E0CB9



3B4700

Square

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



4E0CB9



A40000



005300



005BA3

Rectangle

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



4E0CB9



B50046



005300



00583F

Sweetspot

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



4E0CB9



C6ADF0



0C7AB9



5F4F78



F7F7F7



787878

Same Dimension

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



4E0CB9



5B00F0



A20CB9



56535C



3B009C



0B001C

Inverse Universe

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



B90C77



F00094



23B90C



5C5358



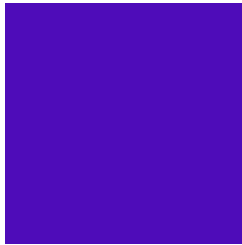
9C0060



1C0011

Previews

White Background



This preview shows how the Hex color 4E0CB9 looks on a white background.

Color Contrast Check

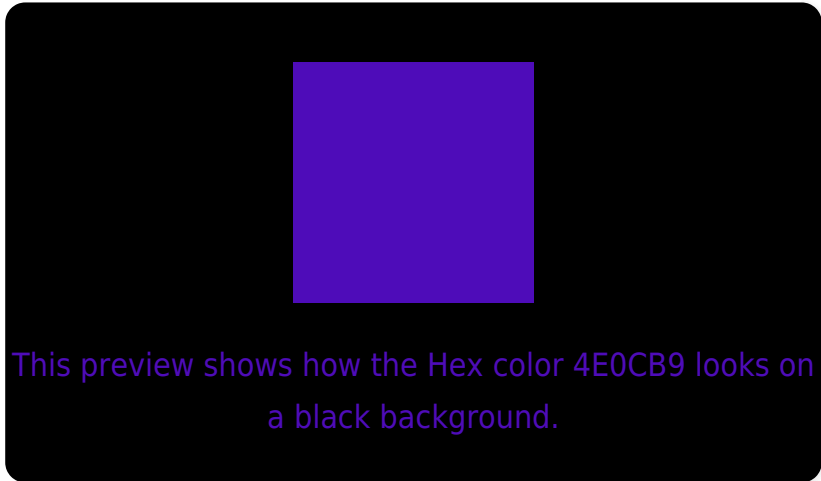
Large Text (above 18pt) WCAG AA ✓ Pass

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

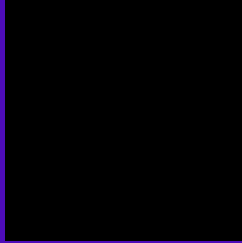
Any Text WCAG AA × Fail

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 4E0CB9 Background



This preview shows how black text looks on a background with the Hex color 4E0CB9.



This preview shows how white text looks on a background with the Hex color 4E0CB9.

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
4E0CB9

Protanopia
004188

Deuteranopia
004574



Tritanopia
23484E

Trichromacy



Original Color
4E0CB9

Protanomaly
1C2E9A

Deuteranomaly
1C308D

Tritanomaly
333275

Monochromacy



Original Color
4E0CB9

Achromatopsia
333333

Achromatomaly
3D2564

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E0CB9 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 #4E0CB9 looks like.

```
.text, #text, p{  
    color:#4E0CB9  
}
```

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 #4E0CB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E0CB9
}
```

Border

The CSS property to change the border of an element to Hex 4E0CB9 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".

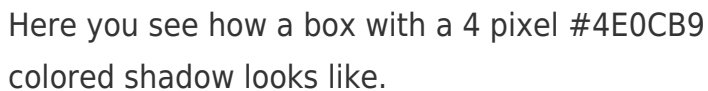
```
.border, #border, table{ border:4px solid
#4E0CB9 }
```

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

```
.border{ border-color:#4E0CB9 }
```

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

Here you see how a box with a 4 pixel #4E0CB9 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E0CB9; -webkit-box-shadow:4px 4px  
4px 4px #4E0CB9; box-shadow:4px 4px 4px  
4px #4E0CB9 }
```

Background

The CSS property to change the background color of an element to Hex 4E0CB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E0CB9 }
```

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

```
.background{ background-color:#4E0CB9 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor