

Converting Colors

Hex(4E1BBE)

Have a look what the booklet for
Hex(4E1BBE) contains.

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Color

Hex(4E1BBE)

Conversions

Conversions Part 1

Format	Color
Hex	4E1BBE
RGB	78, 27, 190
RGB Percent	31%, 11%, 75%
CMY	0.6941, 0.8941, 0.2549
CMYK	0.59, 0.86, 0.00, 0.25
HSL	259°, 75%, 43%
HSV	259°, 86%, 75%
XYZ	12.8281, 6.1213, 49.2206
YIQ	60.8310, -21.9270, 61.5050

Conversions

Conversions Part 2

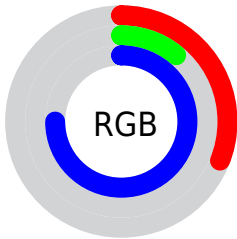
Format	Color
R_{YB}	78, 27, 190
Decimal	5118910
CIE _{Lab}	29.72, 59.42, -74.67
CIE _{LCh}	30, 95.430, 308.511
Yxy	6.1213, 0.1882, 0.0898
Android (android.graphics.Color)	4283308990 (0xFF4E1BBE)
YUV	60.8310, 63.6803, 15.0572
Hunter-Lab	24.7412, 49.2535, -100.6338

Details

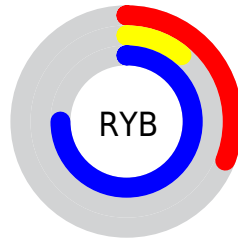
The Hex color **4E1BBE** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **8BBE1B**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **8C51F8**, and **000087** is the 20% darker color. If you saturate the color by 10%, you get **4108BE**, and if you desaturate by 10%, it is **5B2EBE**.

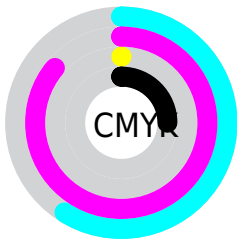
Distribution



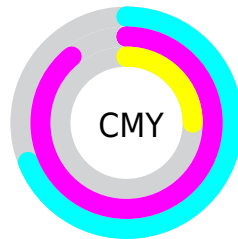
- Red (31%)
- Green (11%)
- Blue (75%)



- Red (31%)
- Yellow (11%)
- Blue (75%)



- Cyan (59%)
- Magenta (86%)
- Yellow (0%)
- Black (25%)



- Cyan (69%)
- Magenta (89%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E1BBE 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 4E1BBE by changing the saturation by 10% instead.

 4E1BBE

 4E1BBE

FFFFFF

 2A00A2

 8C51F8

 000087

 AA6BFF

 00006D

 C886FF

 000053

 E6A1FF

 00063B

 FFBDFE

 000224

 FFD9FF

 00000D

 FFF6FF

 000000

 4E1BBE

 4E1BBE

4108BE

5B2EBE

3B00BE

6841BE

7554BE

8267BE

8F7ABE

9C8DBE

A9A0BE

B6B3BE

C3C6BE

Harmonies

Analogous

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



004DDF



4E1BBE



A6007E

Triad

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



4E1BBE



7F2A00



005E5B

Complementary

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



4E1BBE



8BBE1B

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.



005C01



4E1BBE



434B00

Square

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



4E1BBE



AA0000



005700



0060A3

Rectangle

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



4E1BBE



B9004E



005700



005D40

Sweetspot

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



4E1BBE



CBB7F7



1B8DBE



62567D



FCFCFC



7D7D7D

Same Dimension

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



4E1BBE



4D00F7



9D1BBE



58555E



31009E



0A001F

Inverse Universe

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



BE1B8B



F700AA



3CBE1B



5E555B



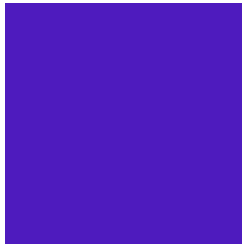
9E006D



1F0015

Previews

White Background



This preview shows how the Hex color 4E1BBE looks on a white background.

Color Contrast Check

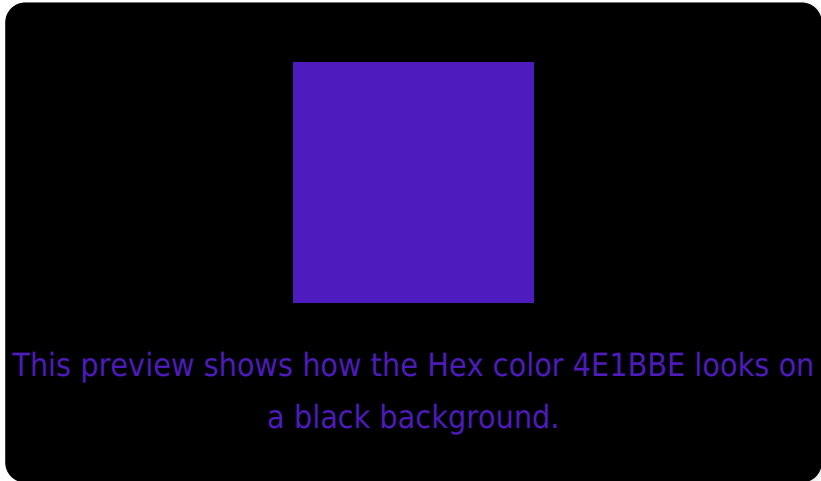
Large Text (above 18pt) WCAG AA ✓ Pass

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

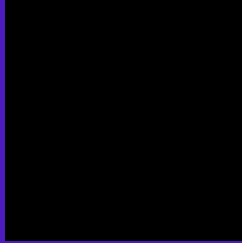
Any Text WCAG AA × Fail

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 4E1BBE Background



This preview shows how black text looks on a background with the Hex color 4E1BBE.



This preview shows how white text looks on a background with the Hex color 4E1BBE.

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
4E1BBE

Protanopia
00448F

Deuteranopia
00497A



Tritanopia
1F4D53

Trichromacy



Original Color
4E1BBE



Protanomaly
1C35A0



Deuteranomaly
1C3893



Tritanomaly
303B7A

Monochromacy



Original Color
4E1BBE



Achromatopsia
3D3D3D



Achromatomaly
43316C

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E1BBE 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 #4E1BBE looks like.

```
.text, #text, p{  
    color:#4E1BBE  
}
```

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 #4E1BBE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E1BBE
}
```

Border

The CSS property to change the border of an element to Hex 4E1BBE 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".

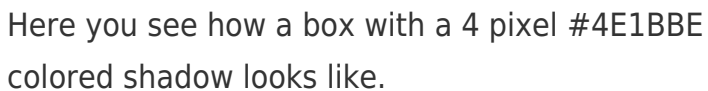
```
.border, #border, table{ border:4px solid
#4E1BBE }
```

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

```
.border{ border-color:#4E1BBE }
```

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

Here you see how a box with a 4 pixel #4E1BBE colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E1BBE; -webkit-box-shadow:4px 4px  
4px 4px #4E1BBE; box-shadow:4px 4px 4px  
4px #4E1BBE }
```

Background

The CSS property to change the background color of an element to Hex 4E1BBE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E1BBE }
```

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

```
.background{ background-color:#4E1BBE }
```

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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