

Converting Colors

Hex(4E008B)

Have a look what the booklet for
Hex(4E008B) contains.

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Color

Hex(4E008B)

Conversions

Conversions Part 1

Format	Color
Hex	4E008B
RGB	78, 0, 139
RGB Percent	31%, 0%, 55%
CMY	0.6941, 1.0000, 0.4549
CMYK	0.44, 1.00, 0.00, 0.45
HSL	274°, 100%, 27%
HSV	274°, 100%, 55%
XYZ	7.8021, 3.4838, 24.6873
YIQ	39.1680, 1.8690, 59.7650

Conversions

Conversions Part 2

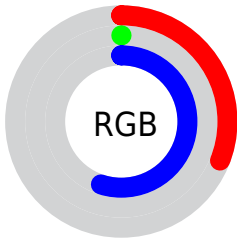
Format	Color
R_{YB}	78, 0, 139
Decimal	5111947
CIE _{Lab}	21.89, 54.00, -56.64
CIE _{LCh}	22, 78.253, 313.636
Yxy	3.4838, 0.2169, 0.0968
Android (android.graphics.Color)	4283302027 (0xFF4E008B)
YUV	39.1680, 49.2172, 34.0557
Hunter-Lab	18.6649, 41.9510, -65.3551

Details

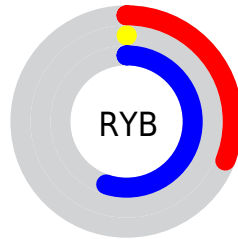
The Hex color **4E008B** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **3D8B00**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **863EC2**, and **140058** is the 20% darker color. If you saturate the color by 10%, you get **4E008B**, and if you desaturate by 10%, it is **540E8B**.

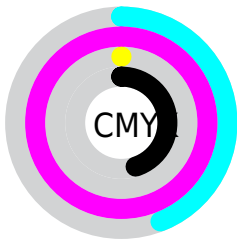
Distribution



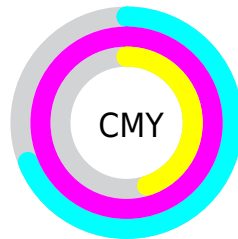
- Red (31%)
- Green (0%)
- Blue (55%)



- Red (31%)
- Yellow (0%)
- Blue (55%)



- Cyan (44%)
- Magenta (100%)
- Yellow (0%)
- Black (45%)



- Cyan (69%)
- Magenta (100%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E008B 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 4E008B by changing the saturation by 10% instead.

 4E008B

 4E008B

FFFFFF

 310071

 863EC2

 140058

 A259DE

 00003F

 BF73FB

 000328

 DC8EFF

 000112

 FAA9FF

 000000

 FFC5FF

 FFE2FF

 4E008B

■ 540E8B

■ 5A1C8B

■ 602A8B

■ 66388B

■ 6D468B

■ 73538B

■ 79618B

■ 7F6F8B

■ 857D8B

Harmonies

Analogous

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



0036AA



4E008B



850057

Triad

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



4E008B



5A2500



00484F

Complementary

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



4E008B



3D8B00

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.



00460F



4E008B



283A00

Square

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



4E008B



7E0000



004300



004986

Rectangle

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



4E008B



900031



004300



00473B

Sweetspot

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



4E008B



9D7FB5



003F8B



4D3B5C



DBDBDB



5C5C5C

Same Dimension

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



4E008B



6600B5



8B0084



423E45



4A0085



030005

Inverse Universe

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



8B003D



B5004F



008B07



453E41



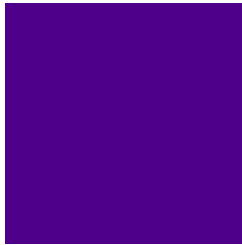
85003A



050002

Previews

White Background



This preview shows how the Hex color 4E008B looks on a white background.

Color Contrast Check

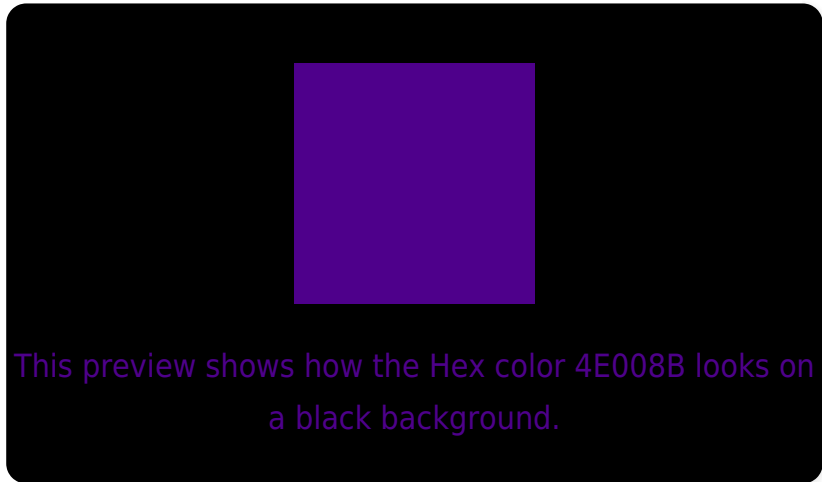
Large Text (above 18pt) WCAG AA ✓ Pass

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

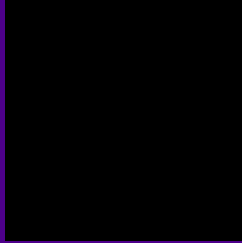
Any Text WCAG AA × Fail

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 4E008B Background



This preview shows how black text looks on a background with the Hex color 4E008B.



This preview shows how white text looks on a background with the Hex color 4E008B.

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
4E008B

Protanopia
003671

Deuteranopia
003961



Tritanopia
3B363A

Trichromacy



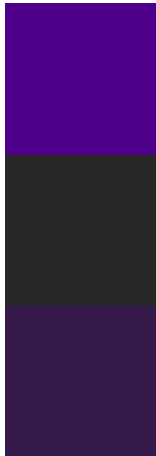
Original Color
4E008B

Protanomaly
1C227A

Deuteranomaly
1C2470

Tritanomaly
422257

Monochromacy



Original Color
4E008B

Achromatopsia
272727

Achromatomaly
35194B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E008B 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 #4E008B looks like.

```
.text, #text, p{  
    color:#4E008B  
}
```

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 #4E008B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E008B
}
```

Border

The CSS property to change the border of an element to Hex 4E008B 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".

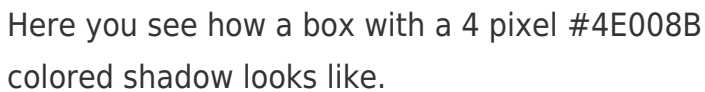
```
.border, #border, table{ border:4px solid
#4E008B }
```

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

```
.border{ border-color:#4E008B }
```

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

Here you see how a box with a 4 pixel #4E008B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E008B; -webkit-box-shadow:4px 4px  
4px 4px #4E008B; box-shadow:4px 4px 4px  
4px #4E008B }
```

Background

The CSS property to change the background color of an element to Hex 4E008B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E008B }
```

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

```
.background{ background-color:#4E008B }
```

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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