

Converting Colors

Hex(4E005B)

Have a look what the booklet for
Hex(4E005B) contains.

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Color

Hex(4E005B)

Conversions

Conversions Part 1

Format	Color
Hex	4E005B
RGB	78, 0, 91
RGB Percent	31%, 0%, 36%
CMY	0.6941, 1.0000, 0.6431
CMYK	0.14, 1.00, 0.00, 0.64
HSL	291°, 100%, 18%
HSV	291°, 100%, 36%
XYZ	5.0302, 2.3750, 10.0908
YIQ	33.6960, 17.2770, 44.8370

Conversions

Conversions Part 2

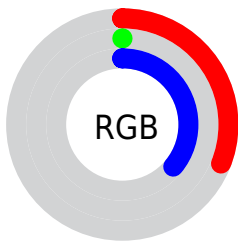
Format	Color
R_{YB}	78, 0, 91
Decimal	5111899
CIE _{Lab}	17.34, 44.00, -33.02
CIE _{LCh}	17, 55.012, 323.115
Yxy	2.3750, 0.2875, 0.1357
Android (android.graphics.Color)	4283301979 (0xFF4E005B)
YUV	33.6960, 28.2509, 38.8546
Hunter-Lab	15.4111, 31.2931, -28.0338

Details

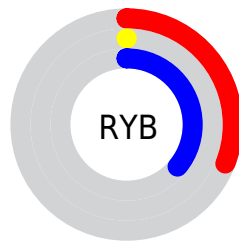
The Hex color **4E005B** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **0D5B00**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **823A8E**, and **1F002D** is the 20% darker color. If you saturate the color by 10%, you get **4E005B**, and if you desaturate by 10%, it is **4F095B**.

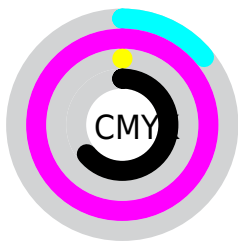
Distribution



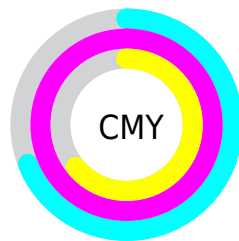
- Red (31%)
- Green (0%)
- Blue (36%)



- Red (31%)
- Yellow (0%)
- Blue (36%)



- Cyan (14%)
- Magenta (100%)
- Yellow (0%)
- Black (64%)



- Cyan (69%)
- Magenta (100%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E005B 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 4E005B by changing the saturation by 10% instead.

 4E005B

 4E005B

 FFF7FF

 350043

 823A8E

 1F002D

 9E53A9

 000116

 B96DC4

 000000

 D687E0


 F3A2FD

 FFBEFF

 FFDAFF

 4E005B

 4F095B

 51125B

 521B5B

 53245B

 552E5B

 56375B

 57405B

 58495B

 5A525B

Harmonies

Analogous

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



002575



4E005B



680036

Triad

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



4E005B



3D2600



003A49

Complementary

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



4E005B



0D5B00

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.



003920



4E005B



173100

Square

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



4E005B



590D00



003600



00396B

Rectangle

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



4E005B



6B001C



003600



00393C

Sweetspot

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



4E005B



705275



000E5B



38263B



BABABA



3B3B3B

Same Dimension

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



4E005B



650075



5B003B



2D292E



5E006E



CB00ED

Inverse Universe

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



5B000D



750011



005B20



2E292A



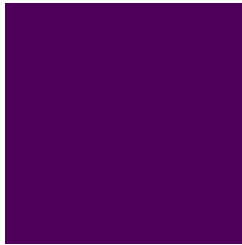
6E0010



ED0022

Previews

White Background



This preview shows how the Hex color 4E005B looks on a white background.

Color Contrast Check

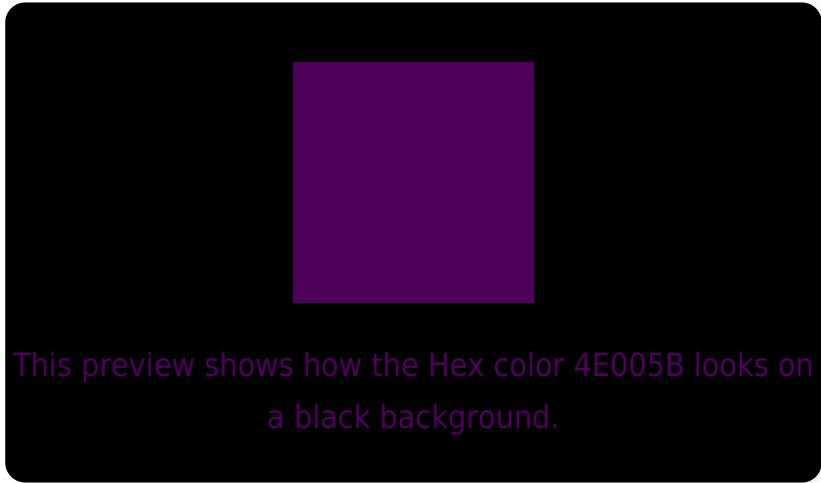
Large Text (above 18pt) WCAG AA ✓ Pass

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

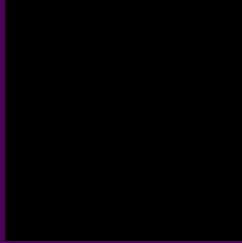
Any Text WCAG AA × Fail

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 4E005B Background



This preview shows how black text looks on a background with the Hex color 4E005B.



This preview shows how white text looks on a background with the Hex color 4E005B.

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
4E005B

Protanopia
002D5F

Deuteranopia
003054



Tritanopia
472426

Trichromacy



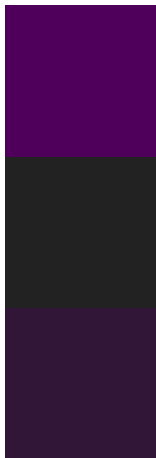
Original Color
4E005B

Protanomaly
1C1D5E

Deuteranomaly
1C1F57

Tritanomaly
4A1739

Monochromacy



Original Color
4E005B

Achromatopsia
222222

Achromatomaly
321637

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E005B 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 #4E005B looks like.

```
.text, #text, p{  
    color:#4E005B  
}
```

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 #4E005B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E005B
}
```

Border

The CSS property to change the border of an element to Hex 4E005B is called "border". The border property can be set on classes, ids or directly on the HTML element.

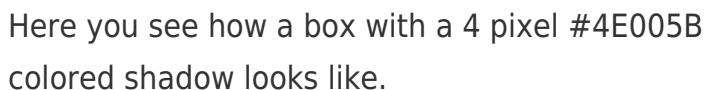
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E005B }
```

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

```
.border{ border-color:#4E005B }
```

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



Here you see how a box with a 4 pixel #4E005B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E005B; -webkit-box-shadow:4px 4px  
4px 4px #4E005B; box-shadow:4px 4px 4px  
4px #4E005B }
```

Background

The CSS property to change the background color of an element to Hex 4E005B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E005B }
```

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

```
.background{ background-color:#4E005B }
```

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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