

Converting Colors

Hex(4E004E)

Have a look what the booklet for
Hex(4E004E) contains.

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Color

Hex(4E004E)

Conversions

Conversions Part 1

Format	Color
Hex	4E004E
RGB	78, 0, 78
RGB Percent	31%, 0%, 31%
CMY	0.6941, 1.0000, 0.6941
CMYK	0.00, 1.00, 0.00, 0.69
HSL	300°, 100%, 15%
HSV	300°, 100%, 31%
XYZ	4.5170, 2.1698, 7.3885
YIQ	32.2140, 21.4500, 40.7940

Conversions

Conversions Part 2

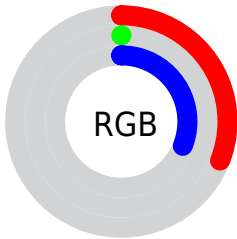
Format	Color
R_{YB}	78, 0, 78
Decimal	5111886
CIE _{Lab}	16.35, 41.65, -25.79
CIE _{LCh}	16, 48.992, 328.233
Yxy	2.1698, 0.3209, 0.1542
Android (android.graphics.Color)	4283301966 (0xFF4E004E)
YUV	32.2140, 22.5725, 40.1543
Hunter-Lab	14.7301, 28.9599, -19.4281

Details

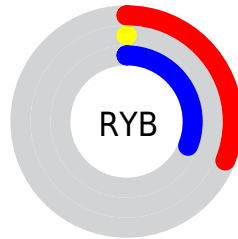
The Hex color **4E004E** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **004E00**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **823980**, and **1F0021** is the 20% darker color. If you saturate the color by 10%, you get **4E004E**, and if you desaturate by 10%, it is **4E084E**.

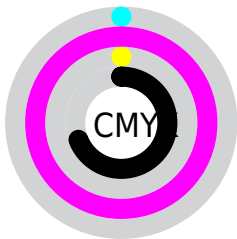
Distribution



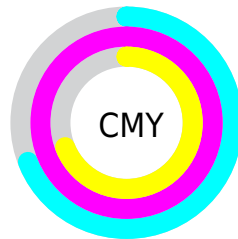
- Red (31%)
- Green (0%)
- Blue (31%)



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



- Cyan (0%)
- Magenta (100%)
- Yellow (0%)
- Black (69%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 4E004E 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 4E004E by changing the saturation by 10% instead.

 4E004E

 4E004E

 FFF6FF

 350037

 823980

 1F0021

 9D529A

 000006

 B96CB5

 000000

 D586D0

 F2A1ED

 FFBDFE

 FFD9FF

 4E004E

 4E084E

 4E104E

 4E174E

 4E1F4E

 4E274E

 4E2F4E

 4E374E

 4E3E4E

 4E464E

Harmonies

Analogous

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



142067



4E004E



61002C

Triad

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



4E004E



352700



003649

Complementary

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



4E004E



004E00

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.



003625



4E004E



103000

Square

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



4E004E



4F1500



003400



003565

Rectangle

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



4E004E



610016



003400



00363E

Sweetspot

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



4E004E



664766



00004E



332133



B3B3B3



333333

Same Dimension

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



4E004E



660066



4E0027



262226



E600E6

Inverse Universe

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



4E004E



660066



004E27



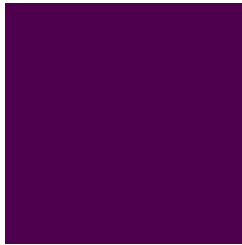
262226



E600E6

Previews

White Background



This preview shows how the Hex color 4E004E looks on a white background.

Color Contrast Check

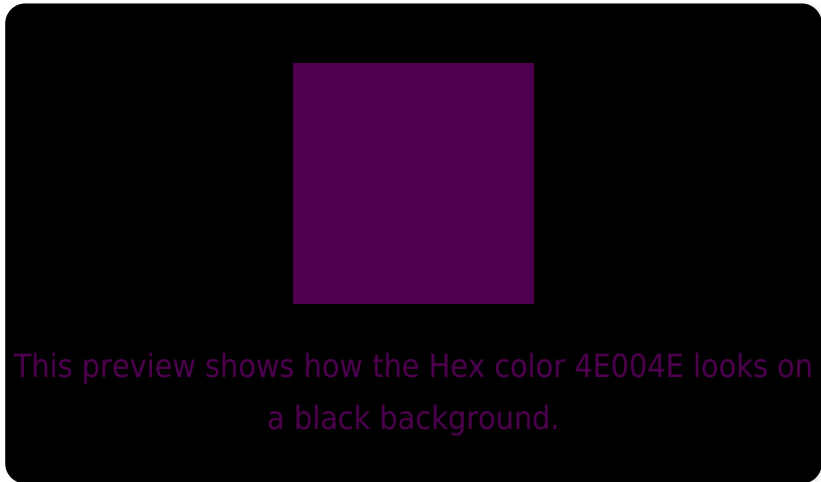
Large Text (above 18pt) WCAG AA ✓ Pass

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

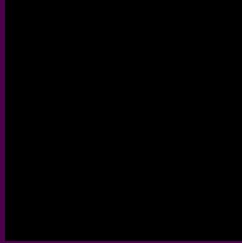
Any Text WCAG AA × Fail

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 4E004E Background



This preview shows how black text looks on a background with the Hex color 4E004E.



This preview shows how white text looks on a background with the Hex color 4E004E.

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
4E004E

Protanopia
002B5B

Deuteranopia
1B2D49



Tritanopia
491F21

Trichromacy



Original Color
4E004E

Protanomaly
1C1B56

Deuteranomaly
2E1D4B

Tritanomaly
4B1431

Monochromacy



Original Color
4E004E

Achromatopsia
202020

Achromatomaly
311431

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E004E 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 #4E004E looks like.

```
.text, #text, p{  
    color:#4E004E  
}
```

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 #4E004E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E004E
}
```

Border

The CSS property to change the border of an element to Hex 4E004E is called "border". The border property can be set on classes, ids or directly on the HTML element.

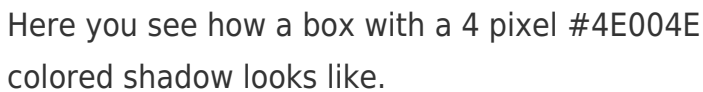
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E004E }
```

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

```
.border{ border-color:#4E004E }
```

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



Here you see how a box with a 4 pixel #4E004E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E004E; -webkit-box-shadow:4px 4px  
4px 4px #4E004E; box-shadow:4px 4px 4px  
4px #4E004E }
```

Background

The CSS property to change the background color of an element to Hex 4E004E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E004E }
```

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

```
.background{ background-color:#4E004E }
```

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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