

Converting Colors

Hex(4E0057)

Have a look what the booklet for
Hex(4E0057) contains.

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Color

Hex(4E0057)

Conversions

Conversions Part 1

Format	Color
Hex	4E0057
RGB	78, 0, 87
RGB Percent	31%, 0%, 34%
CMY	0.6941, 1.0000, 0.6588
CMYK	0.10, 1.00, 0.00, 0.66
HSL	294°, 100%, 17%
HSV	294°, 100%, 34%
XYZ	4.8622, 2.3078, 9.2060
YIQ	33.2400, 18.5610, 43.5930

Conversions

Conversions Part 2

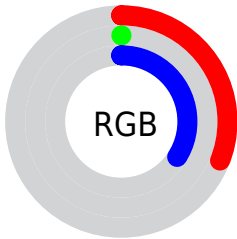
Format	Color
R_YB	78, 0, 87
Decimal	5111895
CIE _{Lab}	17.03, 43.26, -30.84
CIE _{LCh}	17, 53.123, 324.513
Yxy	2.3078, 0.2969, 0.1409
Android (android.graphics.Color)	4283301975 (0xFF4E0057)
YUV	33.2400, 26.5037, 39.2545
Hunter-Lab	15.1915, 30.5454, -25.2955

Details

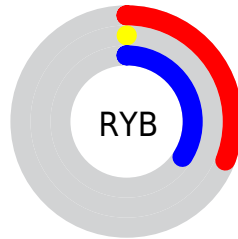
The Hex color **4E0057** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **095700**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **823989**, and **1F0029** is the 20% darker color. If you saturate the color by 10%, you get **4E0057**, and if you desaturate by 10%, it is **4F0957**.

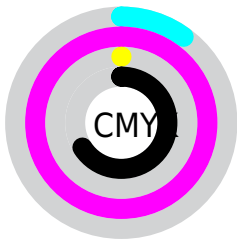
Distribution



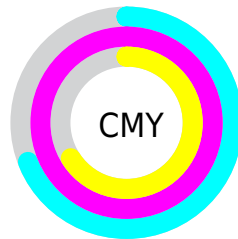
- Red (31%)
- Green (0%)
- Blue (34%)



- Red (31%)
- Yellow (0%)
- Blue (34%)



- Cyan (10%)
- Magenta (100%)
- Yellow (0%)
- Black (66%)



- Cyan (69%)
- Magenta (100%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E0057 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 4E0057 by changing the saturation by 10% instead.

 4E0057

 4E0057

 FFF7FF

 35003F


 823989

 1F0029

 9D53A4

 000112

 B96DBF

 000000

 D687DB

 F3A2F8

 FFBEFF

 FFDAFF

 4E0057

■ 4F0957

■ 501157

■ 511A57

■ 522357

■ 522C57

■ 533457

■ 543D57

■ 554657

■ 564E57

Harmonies

Analogous

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



002371



4E0057



660033

Triad

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



4E0057



3B2600



003849

Complementary

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



4E0057



095700

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.



003822



4E0057



153100

Square

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



4E0057



561000



003500



003769

Rectangle

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



4E0057



68001A



003500



00383C

Sweetspot

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



4E0057



6D4F70



000A57



362438



B8B8B8



383838

Same Dimension

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



4E0057



650070



570036



2B272B



60006B



D200EB

Inverse Universe

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



570009



70000C



005721



2B2727



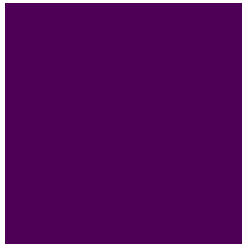
6B000B



EB0018

Previews

White Background



This preview shows how the Hex color 4E0057 looks on a white background.

Color Contrast Check

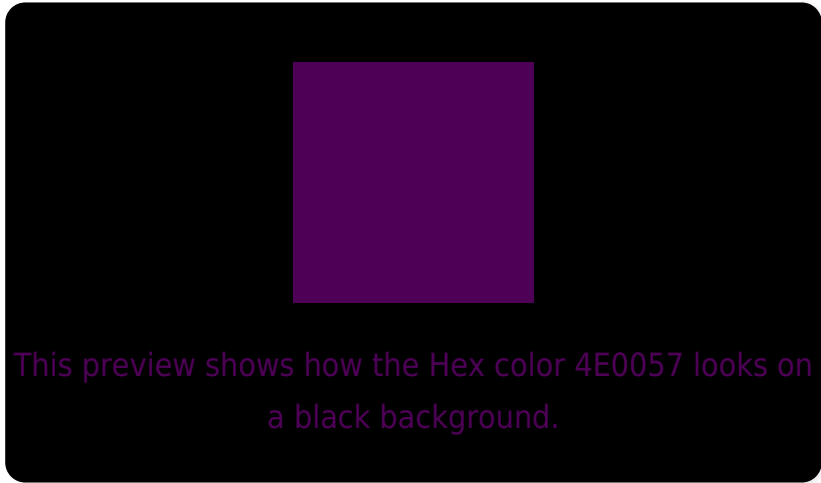
Large Text (above 18pt) WCAG AA ✓ Pass

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

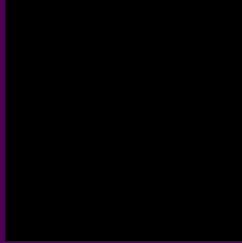
Any Text WCAG AA × Fail

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 4E0057 Background



This preview shows how black text looks on a background with the Hex color 4E0057.



This preview shows how white text looks on a background with the Hex color 4E0057.

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
4E0057

Protanopia
002C5E

Deuteranopia
0D2F52



Tritanopia
482224

Trichromacy



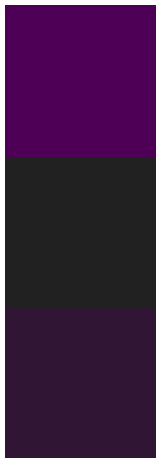
Original Color
4E0057

Protanomaly
1C1C5B

Deuteranomaly
251E54

Tritanomaly
4A1637

Monochromacy



Original Color
4E0057

Achromatopsia
212121

Achromatomaly
311535

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E0057 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 #4E0057 looks like.

```
.text, #text, p{  
    color:#4E0057  
}
```

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 #4E0057 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E0057  
}
```

Border

The CSS property to change the border of an element to Hex 4E0057 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  
#4E0057 }
```

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

```
.border{ border-color:#4E0057 }
```

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

Here you see how a box with a 4 pixel #4E0057 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E0057; -webkit-box-shadow:4px 4px  
4px 4px #4E0057; box-shadow:4px 4px 4px  
4px #4E0057 }
```

Background

The CSS property to change the background color of an element to Hex 4E0057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E0057 }
```

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

```
.background{ background-color:#4E0057 }
```

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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