

# Converting Colors

Hex(4E0063)

Have a look what the booklet for  
Hex(4E0063) contains.

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# Color

**Hex(4E0063)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4E0063
RGB	78, 0, 99
RGB Percent	31%, 0%, 39%
CMY	0.6941, 1.0000, 0.6118
CMYK	0.21, 1.00, 0.00, 0.61
HSL	287°, 100%, 19%
HSV	287°, 100%, 39%
XYZ	5.3940, 2.5206, 12.0066
YIQ	34.6080, 14.7090, 47.3250

# Conversions

## Conversions Part 2

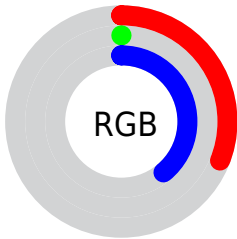
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	78, 0, 99
Decimal	5111907
CIE <sub>Lab</sub>	18.01, 45.54, -37.27
CIE <sub>LCh</sub>	18, 58.848, 320.708
Yxy	2.5206, 0.2708, 0.1265
Android (android.graphics.Color)	4283301987 (0xFF4E0063)
YUV	34.6080, 31.7453, 38.0548
Hunter-Lab	15.8763, 32.8626, -33.7254

# Details

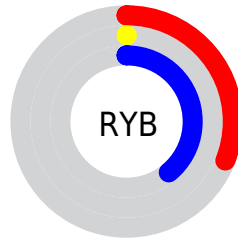
The Hex color **4E0063** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **156300**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **833A97**, and **1F0034** is the 20% darker color. If you saturate the color by 10%, you get **4E0063**, and if you desaturate by 10%, it is **500A63**.

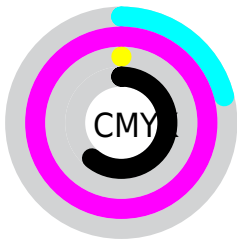
# Distribution



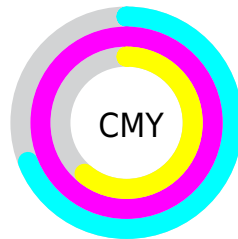
- Red (31%)
- Green (0%)
- Blue (39%)



- Red (31%)
- Yellow (0%)
- Blue (39%)



- Cyan (21%)
- Magenta (100%)
- Yellow (0%)
- Black (61%)



- Cyan (69%)
- Magenta (100%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E0063 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 4E0063 by changing the saturation by 10% instead.



 4E0063

 4E0063

 FFF9FF

 34004B

 833A97

 1F0034

 9E54B2

 00021D

 BA6ECD

 000000

 D688EA

 F4A3FF

 FFBFFF

 FFD0FF

 4E0063

■ 500A63

■ 521463

■ 541E63

■ 562863

■ 593263

■ 5B3B63

■ 5D4563

■ 5F4F63

■ 615963

# Harmonies

## Analogous

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



00287E



4E0063



6C003B

# Triad

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



4E0063



422600



003C49

# Complementary

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



4E0063



156300

# 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.



003B1D



4E0063



1A3300

# Square

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



4E0063



5F0500



003800



003B6F

# Rectangle

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



4E0063



710020



003800



003C3B



# Sweetspot

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



4E0063



775980



001563



3B2940



BFBFBF



404040



# Same Dimension

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



4E0063



640080



630047



2F2C30



580070



BD00F0



# Inverse Universe

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



630015



80001B



00631C



302C2D



700018

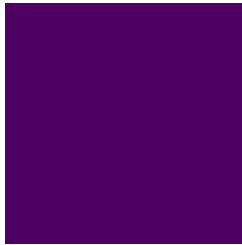


F00033



# Previews

## White Background



This preview shows how the Hex color 4E0063 looks on a white background.

## Color Contrast Check

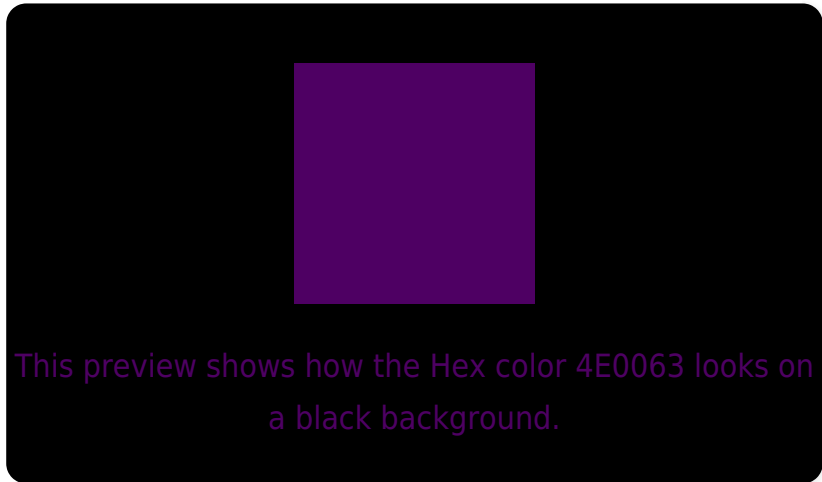
Large Text (above 18pt) WCAG AA ✓ Pass

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

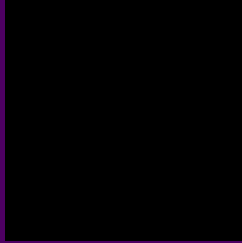
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4E0063 Background



This preview shows how black text looks on a background with the Hex color 4E0063.



This preview shows how white text looks on a background with the Hex color 4E0063.

# 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**  
4E0063

**Protanopia**  
002E62

**Deuteranopia**  
003156



**Tritanopia**  
46272A

# Trichromacy



**Original Color**  
4E0063

**Protanomaly**  
1C1D62

**Deuteranomaly**  
1C1F5B

**Tritanomaly**  
49193F

# Monochromacy



**Original Color**  
4E0063

**Achromatopsia**  
232323

**Achromatomaly**  
33163A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E0063 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 #4E0063 looks like.

```
.text, #text, p{  
    color:#4E0063  
}
```

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 #4E0063 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E0063
}
```

## Border

The CSS property to change the border of an element to Hex 4E0063 is called "border". The border property can be set on classes, ids or directly on the HTML element.

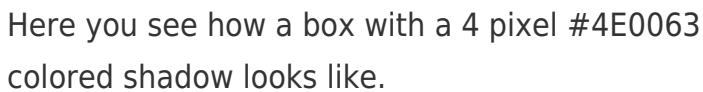
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E0063 }
```

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

```
.border{ border-color:#4E0063 }
```

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



Here you see how a box with a 4 pixel #4E0063 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E0063; -webkit-box-shadow:4px 4px  
4px 4px #4E0063; box-shadow:4px 4px 4px  
4px #4E0063 }
```

# Background

The CSS property to change the background color of an element to Hex 4E0063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E0063 }
```

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

```
.background{ background-color:#4E0063 }
```

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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