

Converting Colors

Hex(4E0563)

Have a look what the booklet for
Hex(4E0563) contains.

Hex(4E0563)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4E0563)

Conversions

Conversions Part 1

Format	Color
Hex	4E0563
RGB	78, 5, 99
RGB Percent	31%, 2%, 39%
CMY	0.6941, 0.9804, 0.6118
CMYK	0.21, 0.95, 0.00, 0.61
HSL	287°, 90%, 20%
HSV	287°, 95%, 39%
XYZ	5.4483, 2.6291, 12.0247
YIQ	37.5430, 13.3340, 44.7100

Conversions

Conversions Part 2

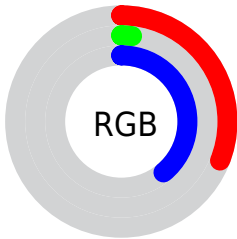
Format	Color
R_{YB}	78, 5, 99
Decimal	5113187
CIE Lab	18.49, 44.11, -36.48
CIE LCh	18, 57.245, 320.406
Yxy	2.6291, 0.2710, 0.1308
Android (android.graphics.Color)	4283303267 (0xFF4E0563)
YUV	37.5430, 30.2983, 35.4808
Hunter-Lab	16.2145, 31.6031, -32.6194

Details

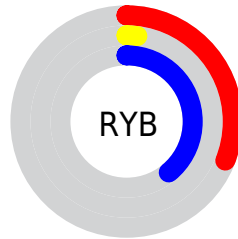
The Hex color **4E0563** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **1A6305**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **833D97**, and **1F0034** is the 20% darker color. If you saturate the color by 10%, you get **4D0063**, and if you desaturate by 10%, it is **500F63**.

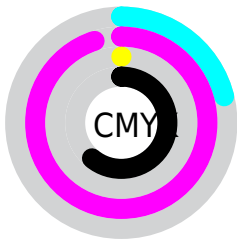
Distribution



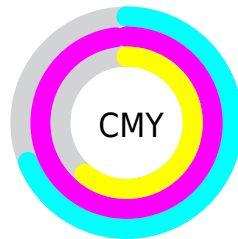
- Red (31%)
- Green (2%)
- Blue (39%)



- Red (31%)
- Yellow (2%)
- Blue (39%)



- Cyan (21%)
- Magenta (95%)
- Yellow (0%)
- Black (61%)



- Cyan (69%)
- Magenta (98%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E0563 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 4E0563 by changing the saturation by 10% instead.

 4E0563

 4E0563

 FFFBFF

 35004B

 833D97

 1F0034

 9E57B2

 00021D

 BA70CD

 000000

 D68BEA

 F3A6FF

 FFC2FF

 FFDEFF

 4E0563

 4E0563

■ 4D0063

■ 500F63

■ 521963

■ 552363

■ 572D63

■ 593763

■ 5B4063

■ 5D4A63

■ 605463

■ 625E63

Harmonies

Analogous

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



00297D



4E0563



6C003C

Triad

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



4E0563



442700



003D49

Complementary

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



4E0563



1A6305

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.



003C1E



4E0563



1D3300

Square

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



4E0563



600800



003900



003C6E

Rectangle

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



4E0563



710021



003900



003C3B

Sweetspot

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



4E0563



785C80



051B63



3B2A40



BFBFBF



404040

Same Dimension

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



4E0563



630080



63054A



2F2C30



570070



BA00F0

Inverse Universe

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



63051A



80001C



05631E



302C2D



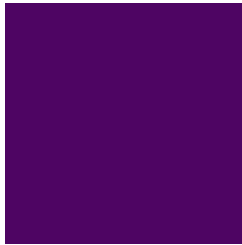
700019



F00036

Previews

White Background



This preview shows how the Hex color 4E0563 looks on a white background.

Color Contrast Check

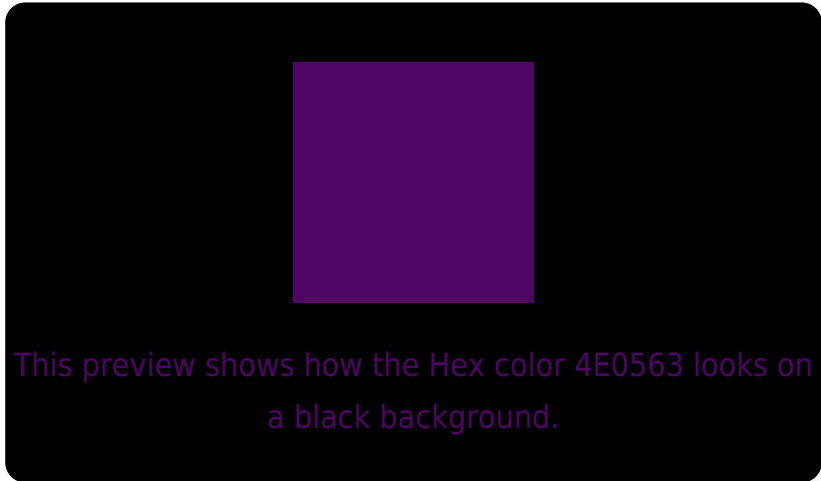
Large Text (above 18pt) WCAG AA ✓ Pass

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

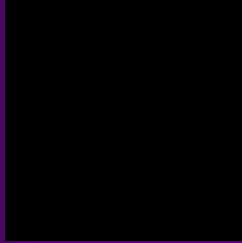
Any Text WCAG AA × Fail

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 4E0563 Background



This preview shows how black text looks on a background with the Hex color 4E0563.



This preview shows how white text looks on a background with the Hex color 4E0563.

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
4E0563

Protanopia
002E62

Deuteranopia
003156



Tritanopia
46272A

Trichromacy



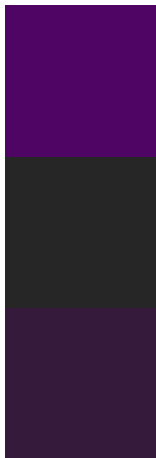
Original Color
4E0563

Protanomaly
1C1F62

Deuteranomaly
1C215B

Tritanomaly
491B3F

Monochromacy



Original Color
4E0563

Achromatopsia
262626

Achromatomaly
351A3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E0563 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 #4E0563 looks like.

```
.text, #text, p{  
    color:#4E0563  
}
```

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 #4E0563 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E0563
}
```

Border

The CSS property to change the border of an element to Hex 4E0563 is called "border". The border property can be set on classes, ids or directly on the HTML element.

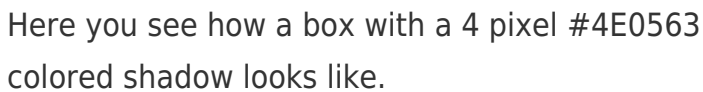
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E0563 }
```

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

```
.border{ border-color:#4E0563 }
```

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



Here you see how a box with a 4 pixel #4E0563 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E0563; -webkit-box-shadow:4px 4px  
4px 4px #4E0563; box-shadow:4px 4px 4px  
4px #4E0563 }
```

Background

The CSS property to change the background color of an element to Hex 4E0563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E0563 }
```

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

```
.background{ background-color:#4E0563 }
```

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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