

# Converting Colors

Hex(4E0B5B)

Have a look what the booklet for  
Hex(4E0B5B) contains.

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# Color

**Hex(4E0B5B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4E0B5B
RGB	78, 11, 91
RGB Percent	31%, 4%, 36%
CMY	0.6941, 0.9569, 0.6431
CMYK	0.14, 0.88, 0.00, 0.64
HSL	290°, 78%, 20%
HSV	290°, 88%, 36%
XYZ	5.1499, 2.6144, 10.1307
YIQ	40.1530, 14.2520, 39.0840

# Conversions

## Conversions Part 2

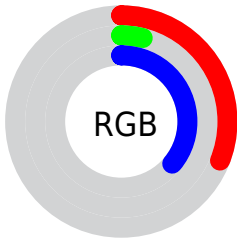
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	78, 11, 91
Decimal	5114715
CIE <sub>Lab</sub>	18.43, 40.80, -31.27
CIE <sub>LCh</sub>	18, 51.406, 322.537
Yxy	2.6144, 0.2878, 0.1461
Android (android.graphics.Color)	4283304795 (0xFF4E0B5B)
YUV	40.1530, 25.0676, 33.1918
Hunter-Lab	16.1690, 28.5570, -25.8299

# Details

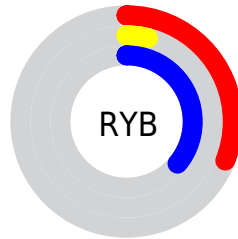
The Hex color **4E0B5B** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **185B0B**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **82408E**, and **21002D** is the 20% darker color. If you saturate the color by 10%, you get **4D025B**, and if you desaturate by 10%, it is **4F145B**.

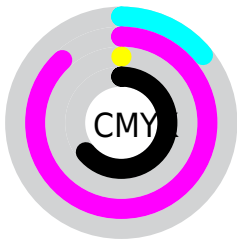
# Distribution



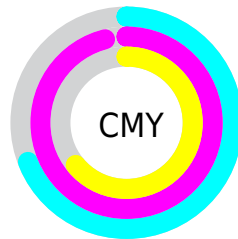
- Red (31%)
- Green (4%)
- Blue (36%)



- Red (31%)
- Yellow (4%)
- Blue (36%)



- Cyan (14%)
- Magenta (88%)
- Yellow (0%)
- Black (64%)



- Cyan (69%)
- Magenta (96%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E0B5B 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 4E0B5B by changing the saturation by 10% instead.



 4E0B5B

 4E0B5B

 FFFDFF

 350043

 82408E

 21002D

 9D59A8

 000117

 B973C4

 000000

 D58DE0

 F2A8FD

 FFC4FF

 FFE0FF

 4E0B5B

 4E0B5B

■ 4D025B

■ 4F145B

■ 4C005B

■ 511D5B

■ 52265B

■ 542F5B

■ 55395B

■ 57425B

■ 584B5B

■ 5A545B

■ 5B5D5B

# Harmonies

## Analogous

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



002873



4E0B5B



670038

# Triad

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



4E0B5B



402800



003B49

# Complementary

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



4E0B5B



185B0B

# 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.



003B22



4E0B5B



1D3300

# Square

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



4E0B5B



5A1300



003800



003A69

# Rectangle

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



4E0B5B



6A0020



003800



003B3C



# Sweetspot

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



4E0B5B



705775



0B185B



38283B



BABABA



3B3B3B



# Same Dimension

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



4E0B5B



620075



5B0B40



2D292E



5C006E



C700ED



# Inverse Universe

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



5B0B18



750013



0B5B26



2E292A



6E0012

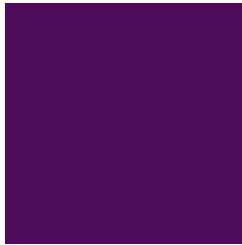


ED0027



# Previews

## White Background



This preview shows how the Hex color 4E0B5B looks on a white background.

## Color Contrast Check

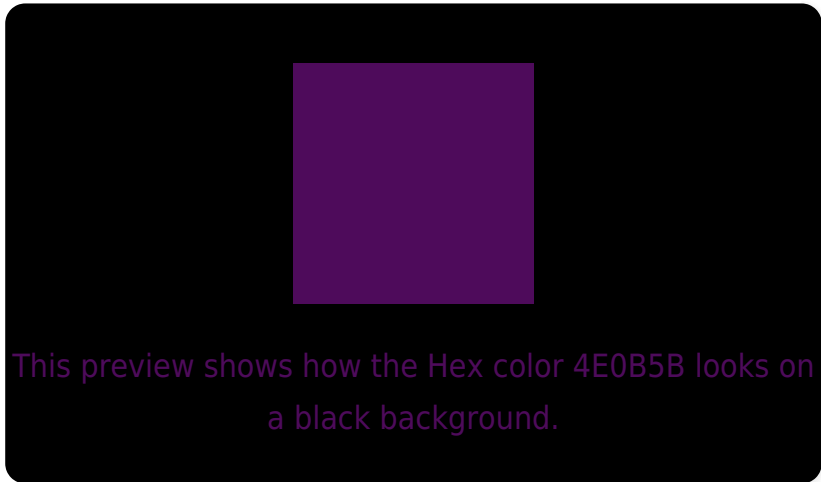
Large Text (above 18pt) WCAG AA ✓ Pass

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

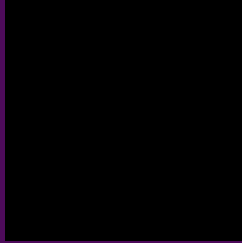
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4E0B5B Background



This preview shows how black text looks on a background with the Hex color 4E0B5B.



This preview shows how white text looks on a background with the Hex color 4E0B5B.

# 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**  
4E0B5B

**Protanopia**  
002E60

**Deuteranopia**  
003055



# Trichromacy



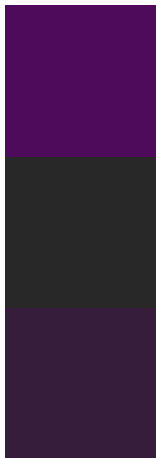
**Original Color**  
4E0B5B

**Protanomaly**  
1C215E

**Deuteranomaly**  
1C2357

**Tritanomaly**  
4A1C3A

# Monochromacy



**Original Color**  
4E0B5B

**Achromatopsia**  
282828

**Achromatomaly**  
361D3B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E0B5B 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 #4E0B5B looks like.

```
.text, #text, p{  
    color:#4E0B5B  
}
```

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 #4E0B5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E0B5B  
}
```

## Border

The CSS property to change the border of an element to Hex 4E0B5B is called "border". The border property can be set on classes, ids or directly on the HTML element.

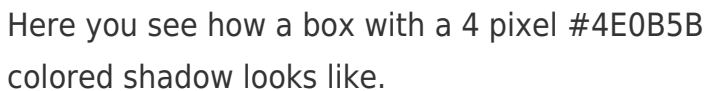
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#4E0B5B }
```

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

```
.border{ border-color:#4E0B5B }
```

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



Here you see how a box with a 4 pixel #4E0B5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E0B5B; -webkit-box-shadow:4px 4px  
4px 4px #4E0B5B; box-shadow:4px 4px 4px  
4px #4E0B5B }
```

# Background

The CSS property to change the background color of an element to Hex 4E0B5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E0B5B }
```

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

```
.background{ background-color:#4E0B5B }
```

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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