

Converting Colors

Hex(4E1A57)

Have a look what the booklet for
Hex(4E1A57) contains.

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Color

Hex(4E1A57)

Conversions

Conversions Part 1

Format	Color
Hex	4E1A57
RGB	78, 26, 87
RGB Percent	31%, 10%, 34%
CMY	0.6941, 0.8980, 0.6588
CMYK	0.10, 0.70, 0.00, 0.66
HSL	291°, 54%, 22%
HSV	291°, 70%, 34%
XYZ	5.2316, 3.0466, 9.3291
YIQ	48.5020, 11.4110, 29.9950

Conversions

Conversions Part 2

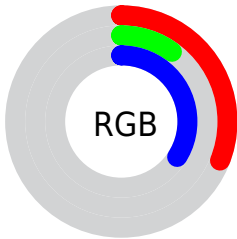
Format	Color
R_{YB}	78, 26, 87
Decimal	5118551
CIE Lab	20.23, 34.03, -25.71
CIE LCh	20, 42.651, 322.936
Yxy	3.0466, 0.2971, 0.1730
Android (android.graphics.Color)	4283308631 (0xFF4E1A57)
YUV	48.5020, 18.9795, 25.8697
Hunter-Lab	17.4545, 22.9556, -19.4713

Details

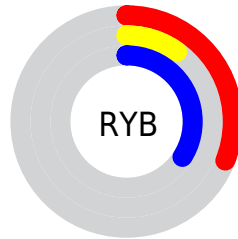
The Hex color **4E1A57** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **23571A**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **814A89**, and **23002A** is the 20% darker color. If you saturate the color by 10%, you get **4D1157**, and if you desaturate by 10%, it is **4F2357**.

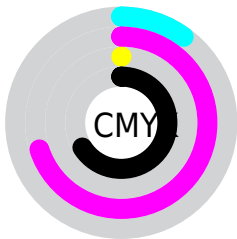
Distribution



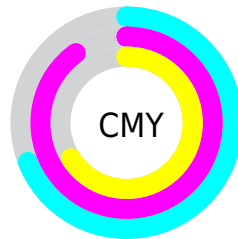
- Red (31%)
- Green (10%)
- Blue (34%)



- Red (31%)
- Yellow (10%)
- Blue (34%)



- Cyan (10%)
- Magenta (70%)
- Yellow (0%)
- Black (66%)



- Cyan (69%)
- Magenta (90%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E1A57 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 4E1A57 by changing the saturation by 10% instead.

■ 4E1A57

■ 4E1A57

FFFFFF

■ 36013F

■ 814A89

■ 23002A

■ 9C63A4

■ 000113

■ B77CBF

■ 000000

■ D397DB

■ F0B2F7

■ FFCEFF

■ FFEAFF

■ 4E1A57

■ 4E1A57

■ 4D1157

■ 4F2357

■ 4B0957

■ 512B57

■ 4A0057

■ 523457

■ 533D57

■ 544657

■ 564E57

■ 575757

■ 586057

■ 5A6857

Harmonies

Analogous

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



172C6B



4E1A57



63043A

Triad

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



4E1A57



432D00



003E48

Complementary

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



4E1A57



23571A

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.



003D28



4E1A57



273600

Square

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



4E1A57



5A1E00



003B04



003C63

Rectangle

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



4E1A57



660325



003B04



003E3E

Sweetspot

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



4E1A57



6D5970



1A2357



362A38



B8B8B8



383838

Same Dimension

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



4E1A57



621270



571A42



2B272B



5B006B



C800EB

Inverse Universe

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



571A23



701220



1A572F



2B2728



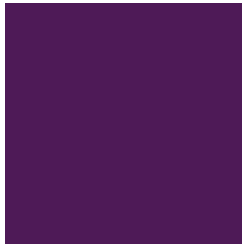
6B0010



EB0023

Previews

White Background



This preview shows how the Hex color 4E1A57 looks on a white background.

Color Contrast Check

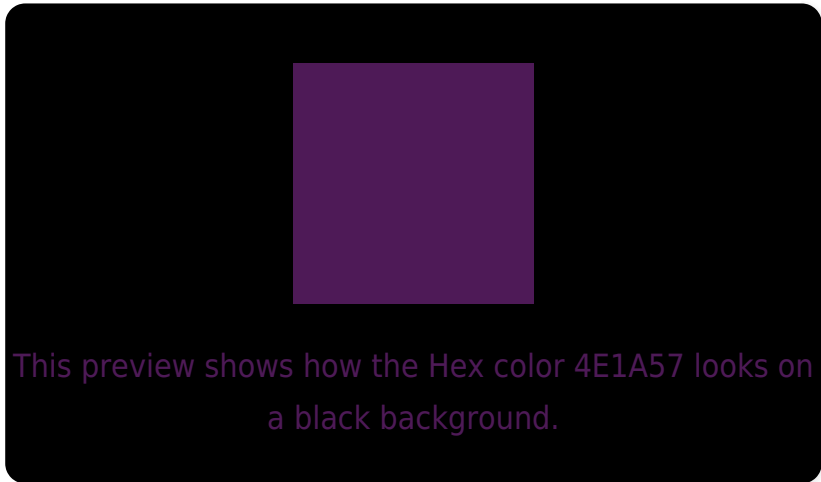
Large Text (above 18pt) WCAG AA ✓ Pass

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

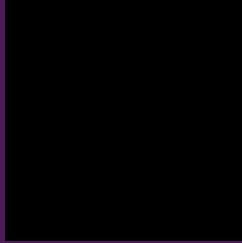
Any Text WCAG AA × Fail

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 4E1A57 Background



This preview shows how black text looks on a background with the Hex color 4E1A57.



This preview shows how white text looks on a background with the Hex color 4E1A57.

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
4E1A57

Protanopia
003066

Deuteranopia
1D3253



Tritanopia
48292C

Trichromacy



Original Color
4E1A57

Protanomaly
1C2861

Deuteranomaly
2F2954

Tritanomaly
4A243C

Monochromacy



Original Color
4E1A57

Achromatopsia
313131

Achromatomaly
3C293F

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E1A57 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 #4E1A57 looks like.

```
.text, #text, p{  
    color:#4E1A57  
}
```

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 #4E1A57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E1A57  
}
```

Border

The CSS property to change the border of an element to Hex 4E1A57 is called "border". The border property can be set on classes, ids or directly on the HTML element.

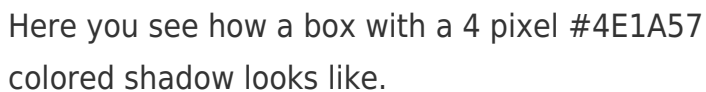
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#4E1A57 }
```

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

```
.border{ border-color:#4E1A57 }
```

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



Here you see how a box with a 4 pixel #4E1A57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E1A57; -webkit-box-shadow:4px 4px  
4px 4px #4E1A57; box-shadow:4px 4px 4px  
4px #4E1A57 }
```

Background

The CSS property to change the background color of an element to Hex 4E1A57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E1A57 }
```

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

```
.background{ background-color:#4E1A57 }
```

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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