

Converting Colors

Hex(4E1A47)

Have a look what the booklet for
Hex(4E1A47) contains.

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Color

Hex(4E1A47)

Conversions

Conversions Part 1

Format	Color
Hex	4E1A47
RGB	78, 26, 71
RGB Percent	31%, 10%, 28%
CMY	0.6941, 0.8980, 0.7216
CMYK	0.00, 0.67, 0.09, 0.69
HSL	308°, 50%, 20%
HSV	308°, 67%, 31%
XYZ	4.6486, 2.8134, 6.2593
YIQ	46.6780, 16.5470, 25.0190

Conversions

Conversions Part 2

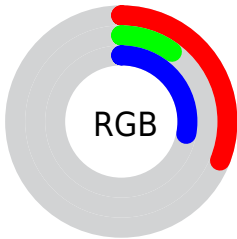
Format	Color
RYB	78, 26, 71
Decimal	5118535
CIELab	19.28, 30.78, -16.36
CIELCh	19, 34.857, 332.009
Yxy	2.8134, 0.3388, 0.2050
Android (android.graphics.Color)	4283308615 (0xFF4E1A47)
YUV	46.6780, 11.9907, 27.4694
Hunter-Lab	16.7733, 20.1170, -10.3839

Details

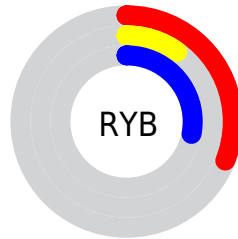
The Hex color **4E1A47** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **1A4E21**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **814978**, and **23001C** is the 20% darker color. If you saturate the color by 10%, you get **4E1246**, and if you desaturate by 10%, it is **4E2248**.

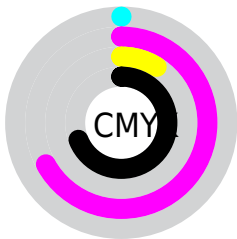
Distribution



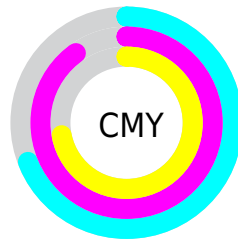
- Red (31%)
- Green (10%)
- Blue (28%)



- Red (31%)
- Yellow (10%)
- Blue (28%)



- Cyan (0%)
- Magenta (67%)
- Yellow (9%)
- Black (69%)



- Cyan (69%)
- Magenta (90%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E1A47 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 4E1A47 by changing the saturation by 10% instead.



4E1A47



4E1A47

FFFFFF



360230



814978



23001C



9C6291



000000



B77CAC



D396C7



F0B1E3



FFCDFD



FFE9FF



4E1A47



4E1A47

■ 4E1246

■ 4E2248

■ 4E0A45

■ 4E2A49

■ 4E0344

■ 4E314A

■ 4E0043

■ 4E394B

■ 4E414C

■ 4E494D

■ 4E514E

■ 4E584F

■ 4E6050

Harmonies

Analogous

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



2F275A



4E1A47



5A122E

Triad

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



4E1A47



392E00



003A49

Complementary

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



4E1A47



1A4E21

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.



003A30



4E1A47



203500

Square

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



4E1A47



4D2400



003815



00375C

Rectangle

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



4E1A47



5B141D



003815



003A41

Sweetspot

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



4E1A47



665263



211A4E



332731



B3B3B3



333333

Same Dimension

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



4E1A47



66145B



4E1A2D



262226



660058



E600C7

Inverse Universe

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



4E1A47



66145B



1A4E3B



262226



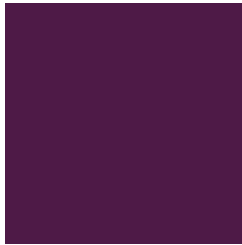
660058



E600C7

Previews

White Background



This preview shows how the Hex color 4E1A47 looks on a white background.

Color Contrast Check

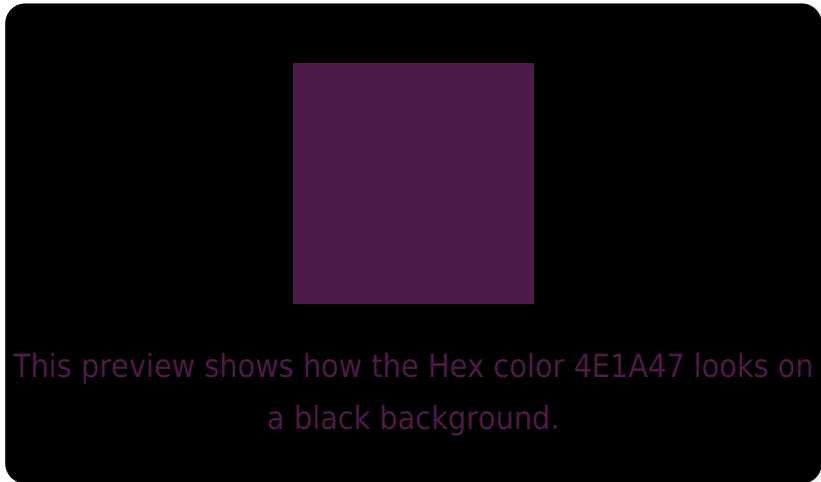
Large Text (above 18pt) WCAG AA ✓ Pass

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

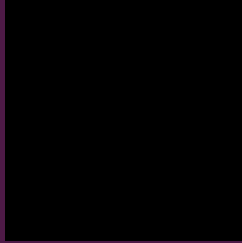
Any Text WCAG AA × Fail

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 4E1A47 Background



This preview shows how black text looks on a background with the Hex color 4E1A47.



This preview shows how white text looks on a background with the Hex color 4E1A47.

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
4E1A47

Protanopia
1A2F59

Deuteranopia
292F44



Tritanopia
4B2426

Trichromacy



Original Color
4E1A47

Protanomaly
2D2752

Deuteranomaly
362745

Tritanomaly
4C2032

Monochromacy



Original Color
4E1A47

Achromatopsia
2F2F2F

Achromatomaly
3A2738

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E1A47 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 #4E1A47 looks like.

```
.text, #text, p{  
    color:#4E1A47  
}
```

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 #4E1A47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E1A47
}
```

Border

The CSS property to change the border of an element to Hex 4E1A47 is called "border". The border property can be set on classes, ids or directly on the HTML element.

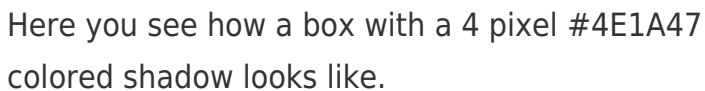
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E1A47 }
```

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

```
.border{ border-color:#4E1A47 }
```

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



Here you see how a box with a 4 pixel #4E1A47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E1A47; -webkit-box-shadow:4px 4px  
4px 4px #4E1A47; box-shadow:4px 4px 4px  
4px #4E1A47 }
```

Background

The CSS property to change the background color of an element to Hex 4E1A47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E1A47 }
```

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

```
.background{ background-color:#4E1A47 }
```

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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