

Converting Colors

Hex(4E1A51)

Have a look what the booklet for
Hex(4E1A51) contains.

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Color

Hex(4E1A51)

Conversions

Conversions Part 1

Format	Color
Hex	4E1A51
RGB	78, 26, 81
RGB Percent	31%, 10%, 32%
CMY	0.6941, 0.8980, 0.6824
CMYK	0.04, 0.68, 0.00, 0.68
HSL	297°, 51%, 21%
HSV	297°, 68%, 32%
XYZ	4.9965, 2.9526, 8.0911
YIQ	47.8180, 13.3370, 28.1290

Conversions

Conversions Part 2

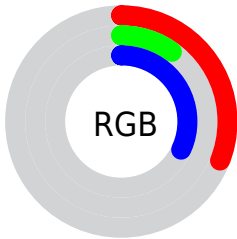
Format	Color
R_{YB}	78, 26, 81
Decimal	5118545
CIE _{Lab}	19.85, 32.76, -22.27
CIE _{LCh}	20, 39.616, 325.798
Yxy	2.9526, 0.3115, 0.1841
Android (android.graphics.Color)	4283308625 (0xFF4E1A51)
YUV	47.8180, 16.3587, 26.4696
Hunter-Lab	17.1830, 21.8339, -15.8903

Details

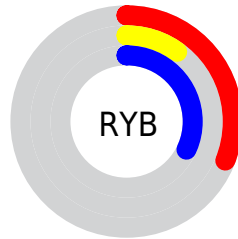
The Hex color **4E1A51** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **1D511A**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **814A83**, and **230024** is the 20% darker color. If you saturate the color by 10%, you get **4E1251**, and if you desaturate by 10%, it is **4E2251**.

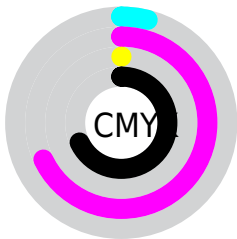
Distribution



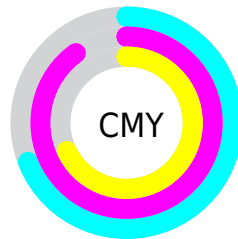
- Red (31%)
- Green (10%)
- Blue (32%)



- Red (31%)
- Yellow (10%)
- Blue (32%)



- Cyan (4%)
- Magenta (68%)
- Yellow (0%)
- Black (68%)



- Cyan (69%)
- Magenta (90%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E1A51 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 4E1A51 by changing the saturation by 10% instead.



4E1A51



4E1A51

FFFFFF



36013A



814A83



230024



9C639D



00000C



B77CB8



000000



D396D4



F0B1F0



FFCDFD



FFFAFF



4E1A51



4E1A51

■ 4E1251

■ 4E2251

■ 4D0A51

■ 4F2A51

■ 4D0251

■ 4F3251

■ 4D0051

■ 503A51

■ 504251

■ 514B51

■ 515351

■ 525B51

■ 526351

Harmonies

Analogous

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



232A65



4E1A51



600A35

Triad

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



4E1A51



402D00



003C49

Complementary

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



4E1A51



1D511A

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.



003C2B



4E1A51



253600

Square

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



4E1A51



552000



003A0C



003B60

Rectangle

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



4E1A51



620B22



003A0C



003C3F

Sweetspot

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



4E1A51



675469



1A1E51



352936



B5B5B5



363636

Same Dimension

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



4E1A51



641469



511A39



292529



630069



DB00E8

Inverse Universe

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



511A1D



691418



1A5132



292525



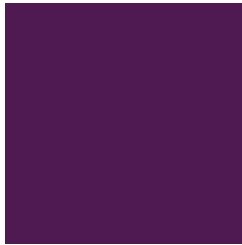
690006



E8000D

Previews

White Background



This preview shows how the Hex color 4E1A51 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

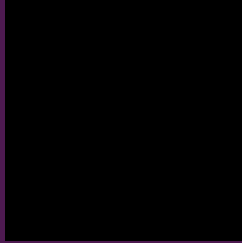
Any Text WCAG AA × Fail

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 4E1A51 Background



This preview shows how black text looks on a background with the Hex color 4E1A51.



This preview shows how white text looks on a background with the Hex color 4E1A51.

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
4E1A51

Protanopia
002F65

Deuteranopia
22314D



Tritanopia
49272A

Trichromacy



Original Color
4E1A51

Protanomaly
1C275E

Deuteranomaly
32294E

Tritanomaly
4B2238

Monochromacy



Original Color
4E1A51

Achromatopsia
303030

Achromatomaly
3B283C

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E1A51 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 #4E1A51 looks like.

```
.text, #text, p{  
    color:#4E1A51  
}
```

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 #4E1A51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E1A51
}
```

Border

The CSS property to change the border of an element to Hex 4E1A51 is called "border". The border property can be set on classes, ids or directly on the HTML element.

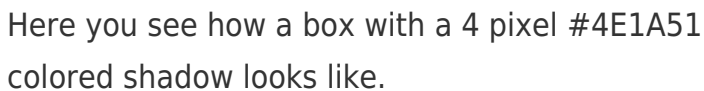
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E1A51 }
```

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

```
.border{ border-color:#4E1A51 }
```

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



Here you see how a box with a 4 pixel #4E1A51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E1A51; -webkit-box-shadow:4px 4px  
4px 4px #4E1A51; box-shadow:4px 4px 4px  
4px #4E1A51 }
```

Background

The CSS property to change the background color of an element to Hex 4E1A51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E1A51 }
```

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

```
.background{ background-color:#4E1A51 }
```

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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