

Converting Colors

Hex(4E1748)

Have a look what the booklet for
Hex(4E1748) contains.

Hex(4E1748)	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(4E1748)

Conversions

Conversions Part 1

Format	Color
Hex	4E1748
RGB	78, 23, 72
RGB Percent	31%, 9%, 28%
CMY	0.6941, 0.9098, 0.7176
CMYK	0.00, 0.71, 0.08, 0.69
HSL	307°, 54%, 20%
HSV	307°, 71%, 31%
XYZ	4.6180, 2.7004, 6.4087
YIQ	45.0310, 17.0510, 26.8990

Conversions

Conversions Part 2

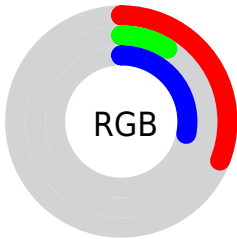
Format	Color
RYB	78, 23, 72
Decimal	5117768
CIELab	18.80, 32.44, -17.79
CIElCh	19, 37.002, 331.254
Yxy	2.7004, 0.3364, 0.1967
Android (android.graphics.Color)	4283307848 (0xFF4E1748)
YUV	45.0310, 13.2957, 28.9138
Hunter-Lab	16.4328, 21.4050, -11.6199

Details

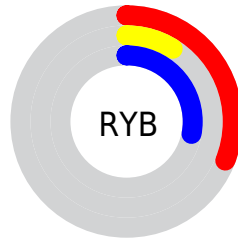
The Hex color **4E1748** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **174E1D**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **814779**, and **22001D** is the 20% darker color. If you saturate the color by 10%, you get **4E0F47**, and if you desaturate by 10%, it is **4E1F49**.

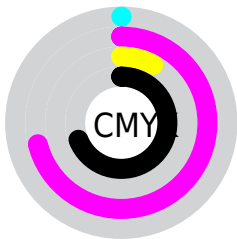
Distribution



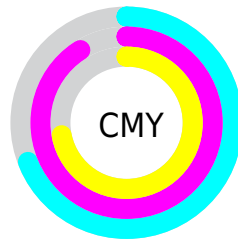
- Red (31%)
- Green (9%)
- Blue (28%)



- Red (31%)
- Yellow (9%)
- Blue (28%)



- Cyan (0%)
- Magenta (71%)
- Yellow (8%)
- Black (69%)



- Cyan (69%)
- Magenta (91%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E1748 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 4E1748 by changing the saturation by 10% instead.

 4E1748

 4E1748

FFFFFF

 360031

 814779

 22001D

 9C6093

 000000

 B779AD

 D393C9

 F0AEE5

 FFCAFF

 FFE6FF

 4E1748

 4E1748

■ 4E0F47

■ 4E1F49

■ 4E0746

■ 4E274A

■ 4E0045

■ 4E2E4B

■ 4E364B

■ 4E3E4C

■ 4E464D

■ 4E4E4E

■ 4E554F

■ 4E5D50

Harmonies

Analogous

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



2C265C



4E1748



5B0C2E

Triad

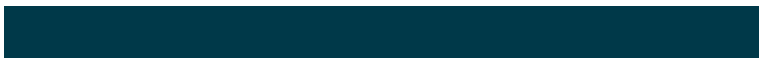
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4E1748



392D00



003949

Complementary

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



4E1748



174E1D

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.



00392E



4E1748



1F3400

Square

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



4E1748



4D2200



003812



00375D

Rectangle

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



4E1748



5C0F1C



003812



003941

Sweetspot

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



4E1748



665164



1C174E



332632



B3B3B3



333333

Same Dimension

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



4E1748



660F5D



4E172D



262226



66005B



E600CC

Inverse Universe

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



4E1748



660F5D



174E38



262226



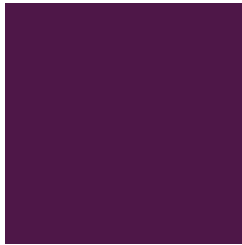
66005B



E600CC

Previews

White Background



This preview shows how the Hex color 4E1748 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

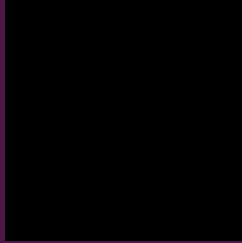
Any Text WCAG AA × Fail

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 4E1748 Background



This preview shows how black text looks on a background with the Hex color 4E1748.



This preview shows how white text looks on a background with the Hex color 4E1748.

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
4E1748

Protanopia
132E5C

Deuteranopia
272F44



Tritanopia
4A2225

Trichromacy



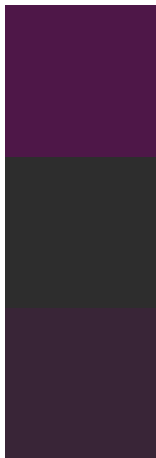
Original Color
4E1748

Protanomaly
282655

Deuteranomaly
352645

Tritanomaly
4B1E32

Monochromacy



Original Color
4E1748

Achromatopsia
2D2D2D

Achromatomaly
392537

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E1748 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 #4E1748 looks like.

```
.text, #text, p{  
    color:#4E1748  
}
```

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 #4E1748 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E1748  
}
```

Border

The CSS property to change the border of an element to Hex 4E1748 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  
#4E1748 }
```

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

```
.border{ border-color:#4E1748 }
```

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

Here you see how a box with a 4 pixel #4E1748 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E1748; -webkit-box-shadow:4px 4px  
4px 4px #4E1748; box-shadow:4px 4px 4px  
4px #4E1748 }
```

Background

The CSS property to change the background color of an element to Hex 4E1748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E1748 }
```

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

```
.background{ background-color:#4E1748 }
```

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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