

Converting Colors

Hex(4E1736)

Have a look what the booklet for
Hex(4E1736) contains.

Hex(4E1736)	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(4E1736)

Conversions

Conversions Part 1

Format	Color
Hex	4E1736
RGB	78, 23, 54
RGB Percent	31%, 9%, 21%
CMY	0.6941, 0.9098, 0.7882
CMYK	0.00, 0.71, 0.31, 0.69
HSL	326°, 54%, 20%
HSV	326°, 71%, 31%
XYZ	4.1141, 2.4988, 3.7555
YIQ	42.9790, 22.8290, 21.3010

Conversions

Conversions Part 2

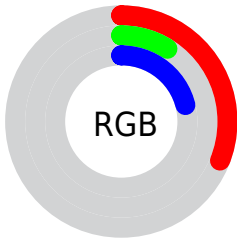
Format	Color
R_{YB}	78, 23, 54
Decimal	5117750
CIE _{Lab}	17.91, 29.38, -6.63
CIE _{LCh}	18, 30.117, 347.280
Yxy	2.4988, 0.3968, 0.2410
Android (android.graphics.Color)	4283307830 (0xFF4E1736)
YUV	42.9790, 5.4334, 30.7134
Hunter-Lab	15.8077, 18.7932, -3.0204




Details

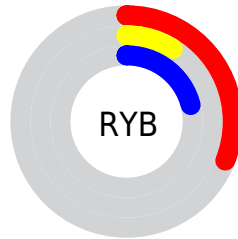
The Hex color **4E1736** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **174E2F**, and the grayscale version is **2B2B2B**.




A 20% lighter version of the original color is **814665**, and **210008** is the 20% darker color. If you saturate the color by 10%, you get **4E0F33**, and if you desaturate by 10%, it is **4E1F39**.

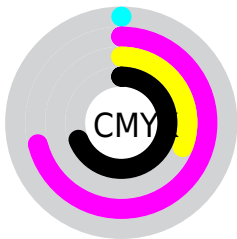
Distribution







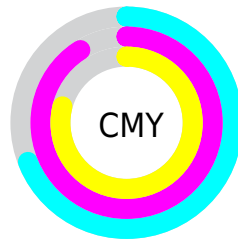
-  Red (31%)
-  Green (9%)
-  Blue (21%)






-  Red (31%)
-  Yellow (9%)
-  Blue (21%)



-  Cyan (0%)
-  Magenta (71%)
-  Yellow (31%)
-  Black (69%)



-  Cyan (69%)
-  Magenta (91%)
-  Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E1736 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 4E1736 by changing the saturation by 10% instead.

 4E1736

 4E1736

FFFFFF

 360021

 814665

 210008

 9C5F7E

 000000

 B87898

 D492B2

 F1ADCE

 FFC9EA

 FFE5FF

 4E1736

 4E1736

■ 4E0F33

■ 4E1F39

■ 4E072F

■ 4E273D

■ 4E002C

■ 4E2E40

■ 4E3644

■ 4E3E47

■ 4E464A

■ 4E4E4E

■ 4E5551

■ 4E5D55

Harmonies

Analogous

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



3C204A



4E1736



521620

Triad

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



4E1736



2B2F00



00354B

Complementary

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



4E1736



174E2F

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.



003638



4E1736



10330B

Square

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



4E1736



3F2700



003522



003156

Rectangle

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



4E1736



4F1B13



003522



003546

Sweetspot

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



4E1736



66515D



2F174E



33262D



B3B3B3



333333

Same Dimension

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



4E1736



660F40



4E171B



262225



660039



E60081

Inverse Universe

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



4E1736



660F40



174E4A



262225



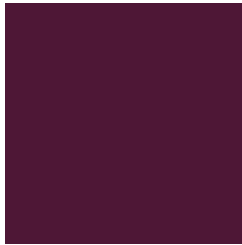
660039



E60081

Previews

White Background



This preview shows how the Hex color 4E1736 looks on a white background.

Color Contrast Check

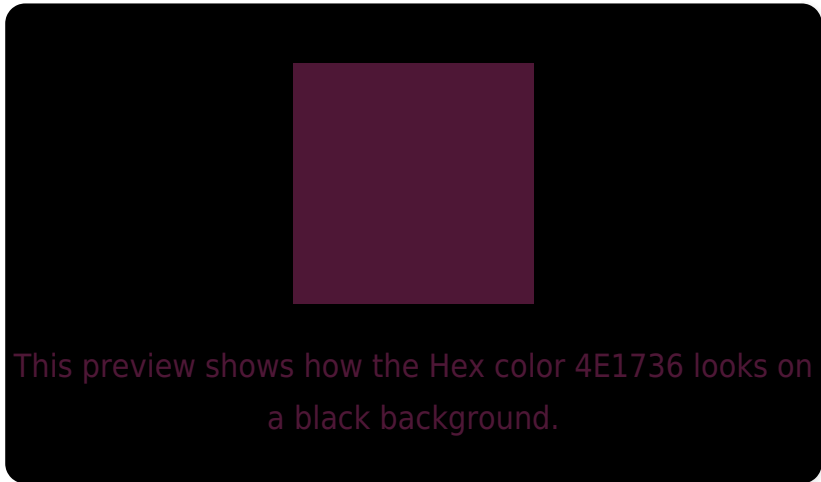
Large Text (above 18pt) WCAG AA ✓ Pass

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

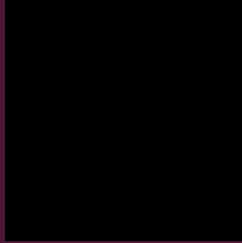
Any Text WCAG AA × Fail

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 4E1736 Background



This preview shows how black text looks on a background with the Hex color 4E1736.



This preview shows how white text looks on a background with the Hex color 4E1736.

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
4E1736

Protanopia
242C45

Deuteranopia
2F2C33



Tritanopia
4C1D1F

Trichromacy



Original Color
4E1736

Protanomaly
332440

Deuteranomaly
3A2434

Tritanomaly
4D1B27

Monochromacy



Original Color
4E1736

Achromatopsia
2B2B2B

Achromatomaly
38242F

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E1736 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 #4E1736 looks like.

```
.text, #text, p{  
    color:#4E1736  
}
```

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 #4E1736 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E1736
}
```

Border

The CSS property to change the border of an element to Hex 4E1736 is called "border". The border property can be set on classes, ids or directly on the HTML element.

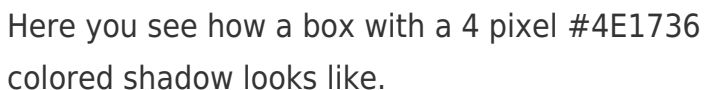
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E1736 }
```

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

```
.border{ border-color:#4E1736 }
```

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



Here you see how a box with a 4 pixel #4E1736 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E1736; -webkit-box-shadow:4px 4px  
4px 4px #4E1736; box-shadow:4px 4px 4px  
4px #4E1736 }
```

Background

The CSS property to change the background color of an element to Hex 4E1736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E1736 }
```

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

```
.background{ background-color:#4E1736 }
```

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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