

Converting Colors

Hex(4C133E)

Have a look what the booklet for
Hex(4C133E) contains.

Hex(4C133E)	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(4C133E)

Conversions

Conversions Part 1

Format	Color
Hex	4C133E
RGB	76, 19, 62
RGB Percent	30%, 7%, 24%
CMY	0.7020, 0.9255, 0.7569
CMYK	0.00, 0.75, 0.18, 0.70
HSL	315°, 60%, 19%
HSV	315°, 75%, 30%
XYZ	4.0829, 2.3500, 4.7958
YIQ	40.9450, 20.1690, 25.4570

Conversions

Conversions Part 2

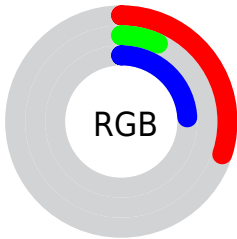
Format	Color
R_{YB}	76, 19, 62
Decimal	4985662
CIE _{Lab}	17.23, 31.89, -13.34
CIE _{LCh}	17, 34.572, 337.295
Yxy	2.3500, 0.3636, 0.2093
Android (android.graphics.Color)	4283175742 (0xFF4C133E)
YUV	40.9450, 10.3801, 30.7432
Hunter-Lab	15.3299, 20.7134, -7.8176

Details

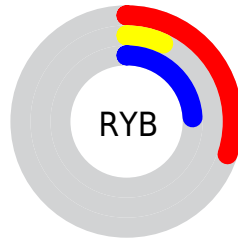
The Hex color **4C133E** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **134C21**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **7F436E**, and **1E0013** is the 20% darker color. If you saturate the color by 10%, you get **4C0B3C**, and if you desaturate by 10%, it is **4C1B40**.

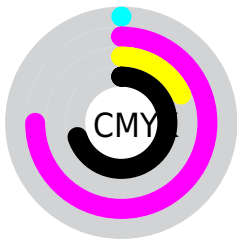
Distribution



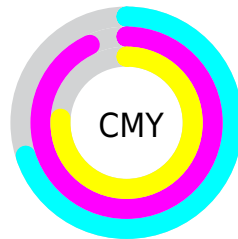
- Red (30%)
- Green (7%)
- Blue (24%)



- Red (30%)
- Yellow (7%)
- Blue (24%)



- Cyan (0%)
- Magenta (75%)
- Yellow (18%)
- Black (70%)



- Cyan (70%)
- Magenta (93%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C133E 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 4C133E by changing the saturation by 10% instead.



4C133E



4C133E

FFFFFF



340028



7F436E



1E0013



9A5C87



000000



B575A1



D18FBC



EEAAD8



FFC6F5



FFE2FF



4C133E



4C133E

■ 4C0B3C

■ 4C1B40

■ 4C043A

■ 4C2242

■ 4C0039

■ 4C2A44

■ 4C3145

■ 4C3947

■ 4C4149

■ 4C484B

■ 4C504D

■ 4C574F

Harmonies

Analogous

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



322152



4C133E



550C25

Triad

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



4C133E



302B00



003548

Complementary

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



4C133E



134C21

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.



003530



4C133E



163100

Square

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



4C133E



442200



003416



003258

Rectangle

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



4C133E



541115



003416



003541

Sweetspot

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



4C133E



634D5E



20134C



33252F



B3B3B3



333333

Same Dimension

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



4C133E



630A4D



4C1322



262225



66004D



E600AD

Inverse Universe

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



4C133E



630A4D



134C3D



262225



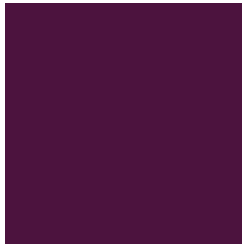
66004D



E600AD

Previews

White Background



This preview shows how the Hex color 4C133E looks on a white background.

Color Contrast Check

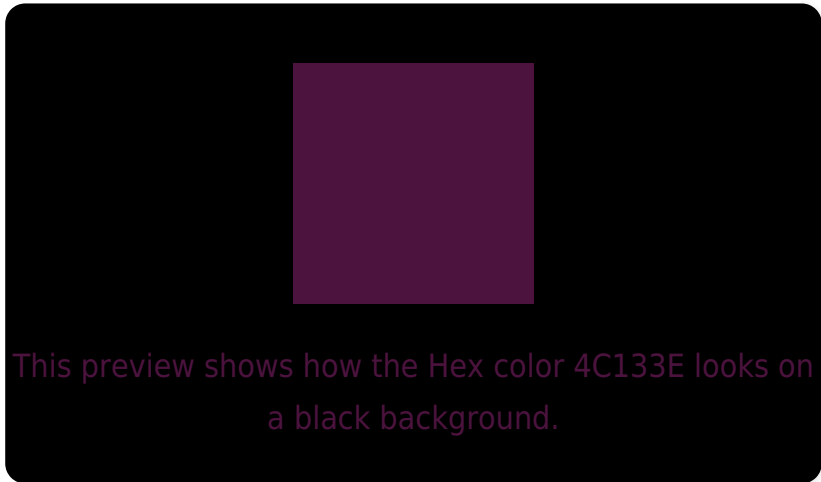
Large Text (above 18pt) WCAG AA ✓ Pass

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

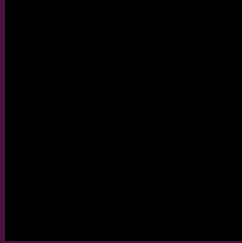
Any Text WCAG AA × Fail

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 4C133E Background



This preview shows how black text looks on a background with the Hex color 4C133E.



This preview shows how white text looks on a background with the Hex color 4C133E.

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
4C133E

Protanopia
182B51

Deuteranopia
282B3B



Tritanopia
491D1F

Trichromacy



Original Color
4C133E

Protanomaly
2B224A

Deuteranomaly
35223C

Tritanomaly
4A192A

Monochromacy



Original Color
4C133E

Achromatopsia
292929

Achromatomaly
362131

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C133E 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 #4C133E looks like.

```
.text, #text, p{  
    color:#4C133E  
}
```

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 #4C133E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C133E
}
```

Border

The CSS property to change the border of an element to Hex 4C133E is called "border". The border property can be set on classes, ids or directly on the HTML element.

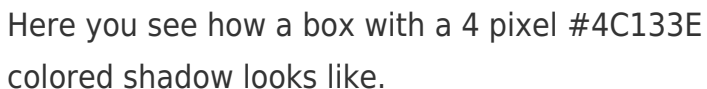
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C133E }
```

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

```
.border{ border-color:#4C133E }
```

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



Here you see how a box with a 4 pixel #4C133E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C133E; -webkit-box-shadow:4px 4px  
4px 4px #4C133E; box-shadow:4px 4px 4px  
4px #4C133E }
```

Background

The CSS property to change the background color of an element to Hex 4C133E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C133E }
```

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

```
.background{ background-color:#4C133E }
```

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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