

Converting Colors

Hex(4C1E33)

Have a look what the booklet for
Hex(4C1E33) contains.

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Color

Hex(4C1E33)

Conversions

Conversions Part 1

Format	Color
Hex	4C1E33
RGB	76, 30, 51
RGB Percent	30%, 12%, 20%
CMY	0.7020, 0.8824, 0.8000
CMYK	0.00, 0.61, 0.33, 0.70
HSL	333°, 43%, 21%
HSV	333°, 61%, 30%
XYZ	4.0423, 2.7041, 3.4409
YIQ	46.1480, 20.6750, 16.2830

Conversions

Conversions Part 2

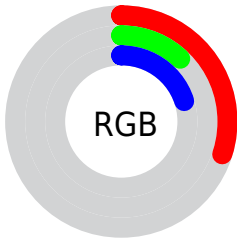
Format	Color
RYB	76, 30, 51
Decimal	4988467
CIELab	18.82, 24.45, -3.20
CIElCh	19, 24.662, 352.542
Yxy	2.7041, 0.3968, 0.2654
Android (android.graphics.Color)	4283178547 (0xFF4C1E33)
YUV	46.1480, 2.3920, 26.1802
Hunter-Lab	16.4440, 15.1022, -0.8954

Details

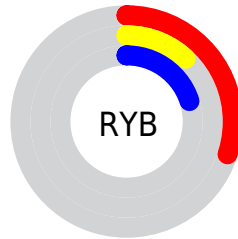
The Hex color **4C1E33** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1E4C37**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **7F4C61**, and **210004** is the 20% darker color. If you saturate the color by 10%, you get **4C162F**, and if you desaturate by 10%, it is **4C2637**.

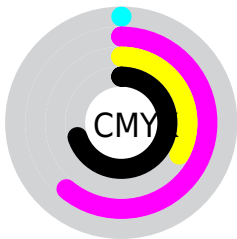
Distribution



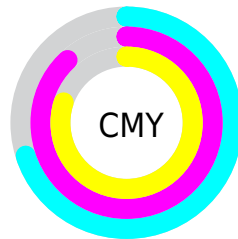
- Red (30%)
- Green (12%)
- Blue (20%)



- Red (30%)
- Yellow (12%)
- Blue (20%)



- Cyan (0%)
- Magenta (61%)
- Yellow (33%)
- Black (70%)



- Cyan (70%)
- Magenta (88%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C1E33 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 4C1E33 by changing the saturation by 10% instead.

■ 4C1E33

■ 4C1E33

FFFFFF

■ 34071E

■ 7F4C61

■ 210004

■ 99657A

■ 000000

■ B57E94

■ D198AE

■ EDB3CA

■ FFCFE6

■ FFE8FF

■ 4C1E33

■ 4C1E33

■ 4C162F

■ 4C2637

■ 4C0F2B

■ 4C2D3B

■ 4C0727

■ 4C353F

■ 4C0023

■ 4C3C44

■ 4C4448

■ 4C4C4C

■ 4C5350

■ 4C5B54

■ 4C6258

Harmonies

Analogous

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



3F2344



4C1E33



4E1F21

Triad

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



4C1E33



2A3109



00354A

Complementary

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



4C1E33



1E4C37

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.



00363B



4C1E33



143417

Square

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



4C1E33



3B2B06



003629



003151

Rectangle

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



4C1E33



4B2216



003629



003646

Sweetspot

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



4C1E33



63525A



371E4C



33282D



B3B3B3



333333

Same Dimension

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



4C1E33



631B3C



4C201E



262224



66002F



E60069

Inverse Universe

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



4C1E33



631B3C



1E4A4C



262224



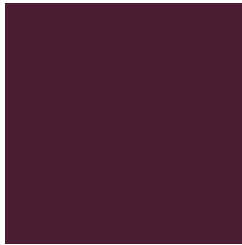
66002F



E60069

Previews

White Background



This preview shows how the Hex color 4C1E33 looks on a white background.

Color Contrast Check

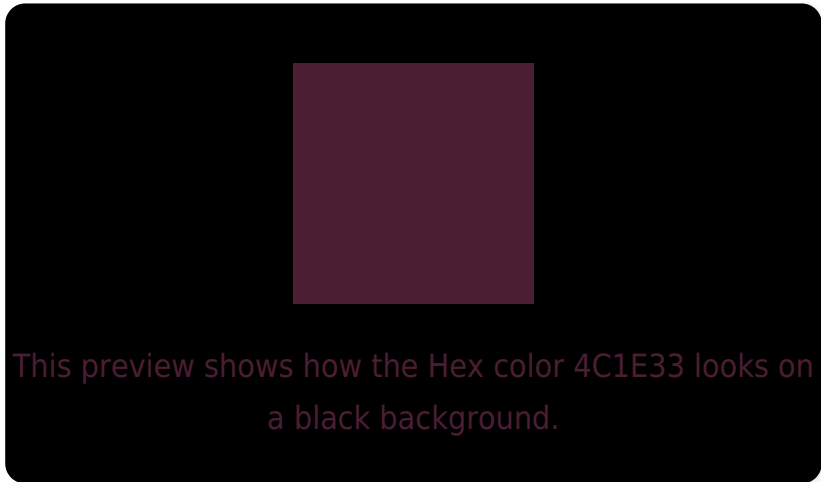
Large Text (above 18pt) WCAG AA ✓ Pass

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

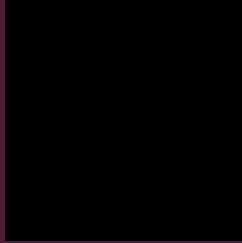
Any Text WCAG AA × Fail

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 4C1E33 Background



This preview shows how black text looks on a background with the Hex color 4C1E33.



This preview shows how white text looks on a background with the Hex color 4C1E33.

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
4C1E33

Protanopia
2B2E3E

Deuteranopia
322D31



Tritanopia
4B2124

Trichromacy



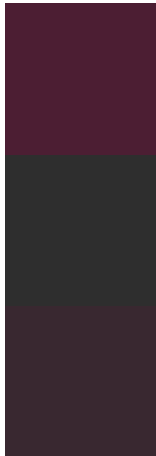
Original Color
4C1E33

Protanomaly
37283A

Deuteranomaly
3B2832

Tritanomaly
4B2029

Monochromacy



Original Color
4C1E33

Achromatopsia
2E2E2E

Achromatomaly
392830

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C1E33 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 #4C1E33 looks like.

```
.text, #text, p{  
    color:#4C1E33  
}
```

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 #4C1E33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C1E33
}
```

Border

The CSS property to change the border of an element to Hex 4C1E33 is called "border". The border property can be set on classes, ids or directly on the HTML element.

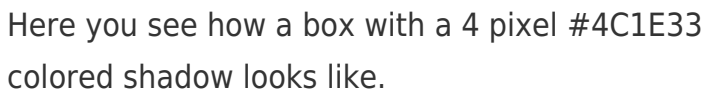
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C1E33 }
```

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

```
.border{ border-color:#4C1E33 }
```

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



Here you see how a box with a 4 pixel #4C1E33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C1E33; -webkit-box-shadow:4px 4px  
4px 4px #4C1E33; box-shadow:4px 4px 4px  
4px #4C1E33 }
```

Background

The CSS property to change the background color of an element to Hex 4C1E33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C1E33 }
```

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

```
.background{ background-color:#4C1E33 }
```

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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