

Converting Colors

Hex(4C1827)

Have a look what the booklet for
Hex(4C1827) contains.

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Color

Hex(4C1827)

Conversions

Conversions Part 1

Format	Color
Hex	4C1827
RGB	76, 24, 39
RGB Percent	30%, 9%, 15%
CMY	0.7020, 0.9059, 0.8471
CMYK	0.00, 0.68, 0.49, 0.70
HSL	343°, 52%, 20%
HSV	343°, 68%, 30%
XYZ	3.6733, 2.3363, 2.1768
YIQ	41.2580, 26.1770, 15.6890

Conversions

Conversions Part 2

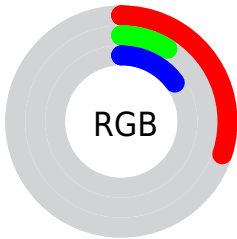
Format	Color
RYB	76, 24, 39
Decimal	4986919
CIELab	17.16, 26.11, 2.89
CIElCh	17, 26.272, 6.323
Yxy	2.3363, 0.4487, 0.2854
Android (android.graphics.Color)	4283176999 (0xFF4C1827)
YUV	41.2580, -1.1132, 30.4687
Hunter-Lab	15.2848, 16.1498, 2.2556




Details

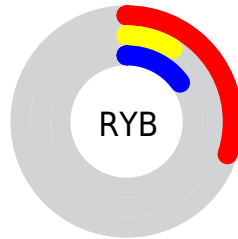
The Hex color **4C1827** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **184C3D**, and the grayscale version is **292929**.


A 20% lighter version of the original color is **804654**, and **1B0001** is the 20% darker color. If you saturate the color by 10%, you get **4C1022**, and if you desaturate by 10%, it is **4C202C**.

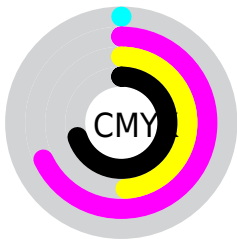
Distribution







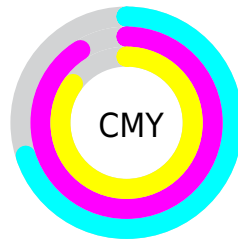
-  Red (30%)
-  Green (9%)
-  Blue (15%)






-  Red (30%)
-  Yellow (9%)
-  Blue (15%)



-  Cyan (0%)
-  Magenta (68%)
-  Yellow (49%)
-  Black (70%)



-  Cyan (70%)
-  Magenta (91%)
-  Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C1827 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 4C1827 by changing the saturation by 10% instead.

 4C1827

 4C1827

FFFFFF

 340112

 804654

 1B0001

 9B5F6C

 000000

 B67885

 D2929F

 EFADBA

 FFC9D6

 FFE5F2

 4C1827

 4C1827

■ 4C1022

■ 4C202C

■ 4C091C

■ 4C2732

■ 4C0117

■ 4C2F37

■ 4C0016

■ 4C363D

■ 4C3E42

■ 4C4647

■ 4C4D4D

■ 4C5552

■ 4C5C58

Harmonies

Analogous

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



441B3A



4C1827



4A1C15

Triad

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



4C1827



1D2F08



00304D

Complementary

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



4C1827



184C3D

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.



003340



4C1827



00321A

Square

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



4C1827



312B00



00332E



042B50

Rectangle

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



4C1827



442109



00332E



003149

Sweetspot

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



4C1827



634F55



3C184C



33262A



B3B3B3



333333

Same Dimension

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



4C1827



631229



4C2218



262224



66001D



E60042

Inverse Universe

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



4C1827



631229



18424C



262224



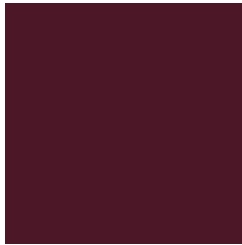
66001D



E60042

Previews

White Background



This preview shows how the Hex color 4C1827 looks on a white background.

Color Contrast Check

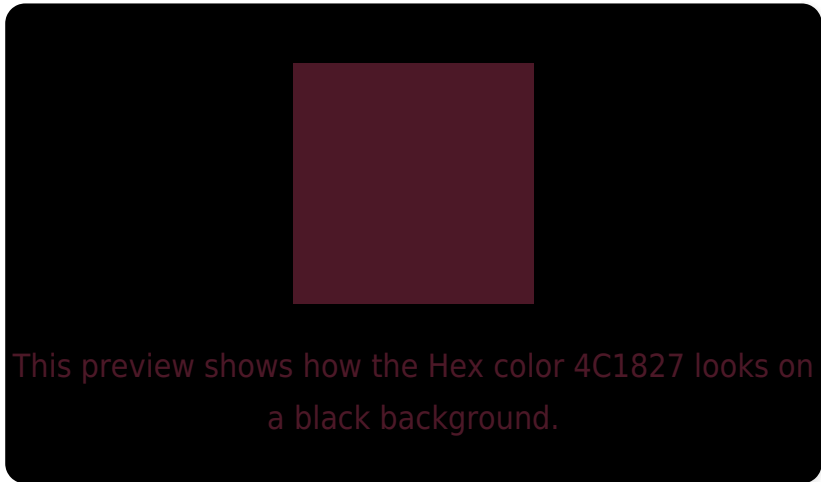
Large Text (above 18pt) WCAG AA ✓ Pass

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 4C1827 Background



This preview shows how black text looks on a background with the Hex color 4C1827.



This preview shows how white text looks on a background with the Hex color 4C1827.

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
4C1827

Protanopia
2B2B32

Deuteranopia
322A24



Tritanopia
4B1A1C

Trichromacy



Original Color
4C1827

Protanomaly
37242E

Deuteranomaly
3B2325

Tritanomaly
4B1920

Monochromacy



Original Color
4C1827

Achromatopsia
292929

Achromatomaly
362328

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C1827 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 #4C1827 looks like.

```
.text, #text, p{  
    color:#4C1827  
}
```

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 #4C1827 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C1827
}
```

Border

The CSS property to change the border of an element to Hex 4C1827 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
#4C1827 }
```

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

```
.border{ border-color:#4C1827 }
```

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

Here you see how a box with a 4 pixel #4C1827 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C1827; -webkit-box-shadow:4px 4px  
4px 4px #4C1827; box-shadow:4px 4px 4px  
4px #4C1827 }
```

Background

The CSS property to change the background color of an element to Hex 4C1827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C1827 }
```

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

```
.background{ background-color:#4C1827 }
```

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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