

Converting Colors

Hex(4C1339)

Have a look what the booklet for
Hex(4C1339) contains.

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Color

Hex(4C1339)

Conversions

Conversions Part 1

Format	Color
Hex	4C1339
RGB	76, 19, 57
RGB Percent	30%, 7%, 22%
CMY	0.7020, 0.9255, 0.7765
CMYK	0.00, 0.75, 0.25, 0.70
HSL	320°, 60%, 19%
HSV	320°, 75%, 30%
XYZ	3.9519, 2.2977, 4.1061
YIQ	40.3750, 21.7740, 23.9020

Conversions

Conversions Part 2

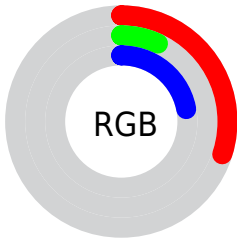
Format	Color
R_{YB}	76, 19, 57
Decimal	4985657
CIE _{Lab}	16.98, 31.07, -10.21
CIE _{LCh}	17, 32.707, 341.809
Yxy	2.2977, 0.3816, 0.2219
Android (android.graphics.Color)	4283175737 (0xFF4C1339)
YUV	40.3750, 8.1961, 31.2431
Hunter-Lab	15.1580, 20.0107, -5.4502

Details

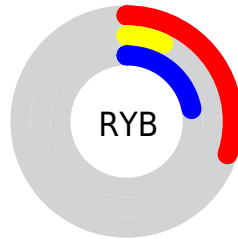
The Hex color **4C1339** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **134C26**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **7F4368**, and **1D000D** is the 20% darker color. If you saturate the color by 10%, you get **4C0B36**, and if you desaturate by 10%, it is **4C1B3C**.

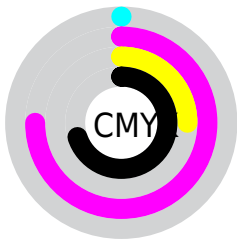
Distribution



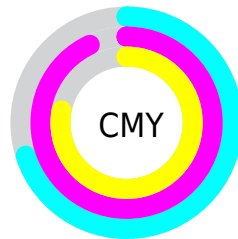
- Red (30%)
- Green (7%)
- Blue (22%)



- Red (30%)
- Yellow (7%)
- Blue (22%)



- Cyan (0%)
- Magenta (75%)
- Yellow (25%)
- Black (70%)



- Cyan (70%)
- Magenta (93%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C1339 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 4C1339 by changing the saturation by 10% instead.



4C1339



4C1339

FFFEFF



340023



7F4368



1D000D



9A5B81



000000



B5759B



D18FB6



EEAAD2



FFC5EE



FFE2FF



4C1339



4C1339

■ 4C0B36

■ 4C1B3C

■ 4C0434

■ 4C223E

■ 4C0033

■ 4C2A41

■ 4C3143

■ 4C3946

■ 4C4148

■ 4C484B

■ 4C504D

■ 4C5750

Harmonies

Analogous

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



361F4D



4C1339



530F22

Triad

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



4C1339



2D2C00



003449

Complementary

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



4C1339



134C26

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.



003433



4C1339



123100

Square

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



4C1339



402300



00331A



003056

Rectangle

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



4C1339



511513



00331A



003442

Sweetspot

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



4C1339



634D5C



26134C



33252E



B3B3B3



333333

Same Dimension

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



4C1339



630A46



4C131D



262225



660044



E60099

Inverse Universe

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



4C1339



630A46



134C42



262225



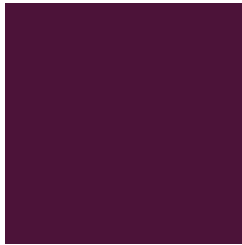
660044



E60099

Previews

White Background



This preview shows how the Hex color 4C1339 looks on a white background.

Color Contrast Check

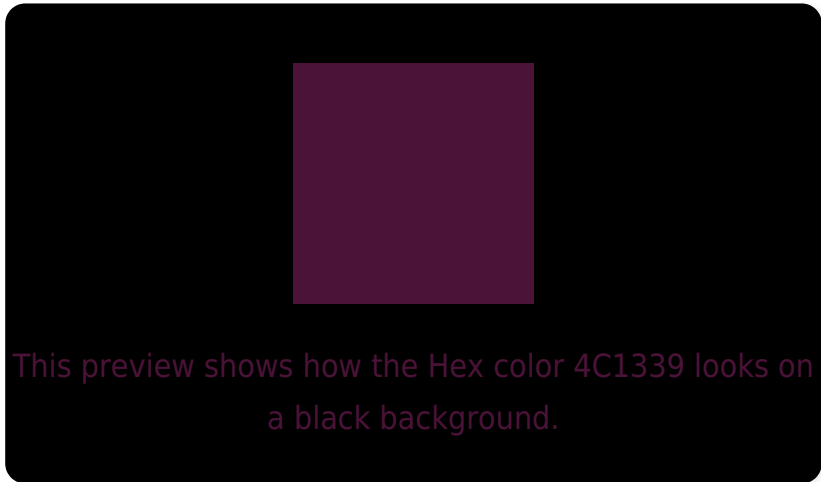
Large Text (above 18pt) WCAG AA ✓ Pass

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

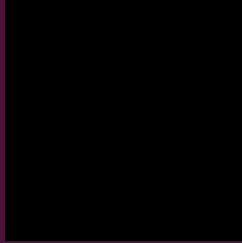
Any Text WCAG AA × Fail

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 4C1339 Background



This preview shows how black text looks on a background with the Hex color 4C1339.



This preview shows how white text looks on a background with the Hex color 4C1339.

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
4C1339

Protanopia
1D2B4B

Deuteranopia
2B2B36



Tritanopia
4A1C1D

Trichromacy



Original Color
4C1339

Protanomaly
2E2244

Deuteranomaly
372237

Tritanomaly
4B1927

Monochromacy



Original Color
4C1339

Achromatopsia
282828

Achromatomaly
35202E

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C1339 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 #4C1339 looks like.

```
.text, #text, p{  
    color:#4C1339  
}
```

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 #4C1339 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C1339
}
```

Border

The CSS property to change the border of an element to Hex 4C1339 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".

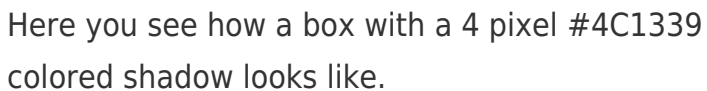
```
.border, #border, table{ border:4px solid
#4C1339 }
```

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

```
.border{ border-color:#4C1339 }
```

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

Here you see how a box with a 4 pixel #4C1339 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C1339; -webkit-box-shadow:4px 4px  
4px 4px #4C1339; box-shadow:4px 4px 4px  
4px #4C1339 }
```

Background

The CSS property to change the background color of an element to Hex 4C1339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C1339 }
```

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

```
.background{ background-color:#4C1339 }
```

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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