

Converting Colors

Hex(4C1309)

Have a look what the booklet for
Hex(4C1309) contains.

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Color

Hex(4C1309)

Conversions

Conversions Part 1

Format	Color
Hex	4C1309
RGB	76, 19, 9
RGB Percent	30%, 7%, 4%
CMY	0.7020, 0.9255, 0.9647
CMYK	0.00, 0.75, 0.88, 0.70
HSL	9°, 79%, 17%
HSV	9°, 88%, 30%
XYZ	3.2627, 2.0220, 0.4768
YIQ	34.9030, 37.1820, 8.9740

Conversions

Conversions Part 2

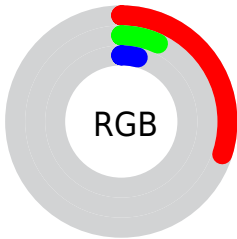
Format	Color
R_{YB}	76, 21, 9
Decimal	4985609
CIE Lab	15.60, 26.28, 20.08
CIE LCh	16, 33.076, 37.382
Yxy	2.0220, 0.5663, 0.3510
Android (android.graphics.Color)	4283175689 (0xFF4C1309)
YUV	34.9030, -12.7702, 36.0421
Hunter-Lab	14.2196, 16.0724, 7.9658

Details

The Hex color **4C1309** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **09424C**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **824135**, and **110000** is the 20% darker color. If you saturate the color by 10%, you get **4C0D01**, and if you desaturate by 10%, it is **4C1911**.

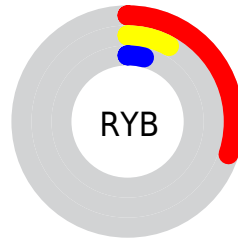
Distribution



Red (30%)

Green (7%)

Blue (4%)



Red (30%)

Yellow (8%)

Blue (4%)

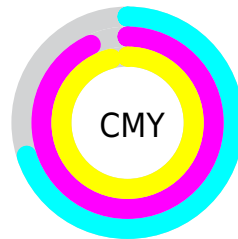


Cyan (0%)

Magenta (75%)

Yellow (88%)

Black (70%)



Cyan (70%)

Magenta (93%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C1309 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 4C1309 by changing the saturation by 10% instead.

 4C1309

 4C1309

 FFFCE9

 320000

 824135

 110000

 9D5A4C

 000000

 BA7364

 D78D7D

 F4A797

 FFC3B1

 FFDFCD

 4C1309

 4C1309

■ 4C0D01

■ 4C1911

■ 4C0B00

■ 4C2018

■ 4C2620

■ 4C2D27

■ 4C332F

■ 4C3A37

■ 4C403E

■ 4C4746

■ 4C4D4D

Harmonies

Analogous

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



500A22



4C1309



3F1F00

Triad

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



4C1309



003014



002856

Complementary

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



4C1309



09424C

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.



002E52



4C1309



00312C

Square

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



4C1309



152D00



003143



2E1E4D

Rectangle

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



4C1309



332500



003143



002B56

Sweetspot

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



4C1309



634D4A



4C0943



332623



B3B3B3



333333

Same Dimension

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



4C1309



630F00



4C3309



262322



660F00



E62200

Inverse Universe

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



09424C



005563



09224C



222626



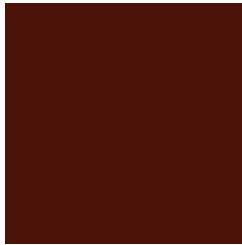
005766



00C3E6

Previews

White Background



This preview shows how the Hex color 4C1309 looks on a white background.

Color Contrast Check

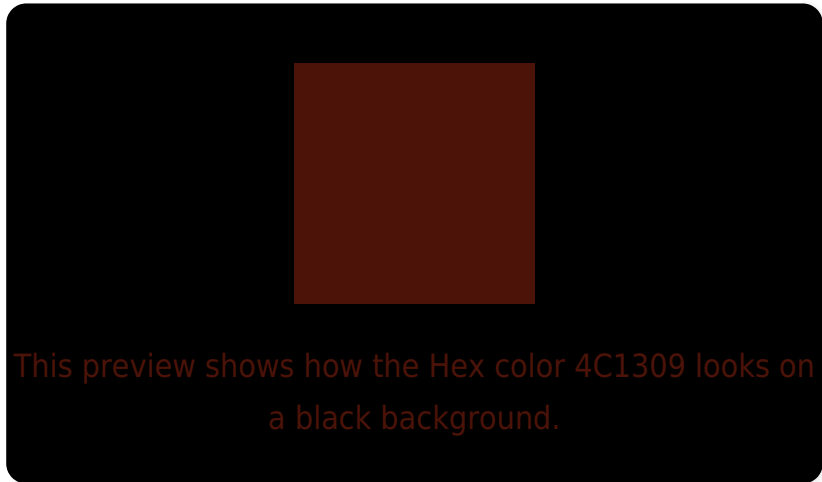
Large Text (above 18pt) WCAG AA ✓ Pass

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

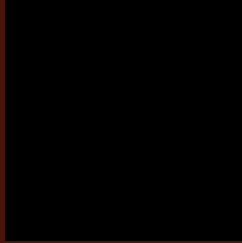
Any Text WCAG AA × Fail

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 4C1309 Background



This preview shows how black text looks on a background with the Hex color 4C1309.

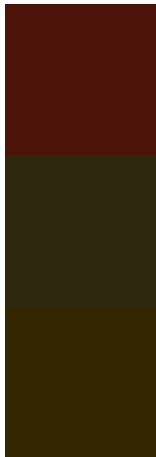


This preview shows how white text looks on a background with the Hex color 4C1309.

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
4C1309

Protanopia
2E290E

Deuteranopia
342700

Trichromacy



Original Color
4C1309

Protanomaly
39210C

Deuteranomaly
3D2003

Tritanomaly
4C120F

Monochromacy



Original Color
4C1309

Achromatopsia
232323

Achromatomaly
321D1A

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C1309 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 #4C1309 looks like.

```
.text, #text, p{  
    color:#4C1309  
}
```

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 #4C1309 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C1309
}
```

Border

The CSS property to change the border of an element to Hex 4C1309 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".

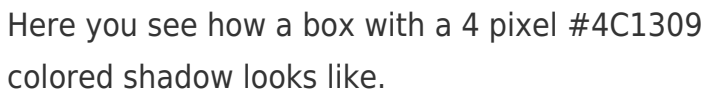
```
.border, #border, table{ border:4px solid
#4C1309 }
```

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

```
.border{ border-color:#4C1309 }
```

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

Here you see how a box with a 4 pixel #4C1309 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C1309; -webkit-box-shadow:4px 4px  
4px 4px #4C1309; box-shadow:4px 4px 4px  
4px #4C1309 }
```

Background

The CSS property to change the background color of an element to Hex 4C1309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C1309 }
```

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

```
.background{ background-color:#4C1309 }
```

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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