

Converting Colors

Hex(4D2309)

Have a look what the booklet for
Hex(4D2309) contains.

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Color

Hex(4D2309)

Conversions

Conversions Part 1

Format	Color
Hex	4D2309
RGB	77, 35, 9
RGB Percent	30%, 14%, 4%
CMY	0.6980, 0.8627, 0.9647
CMYK	0.00, 0.55, 0.88, 0.70
HSL	23°, 79%, 17%
HSV	23°, 88%, 30%
XYZ	3.7109, 2.7996, 0.6032
YIQ	44.5940, 33.3780, 0.8180

Conversions

Conversions Part 2

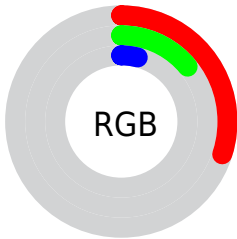
Format	Color
RYB	77, 51, 9
Decimal	5055241
CIELab	19.22, 17.80, 24.51
CIELCh	19, 30.296, 54.015
Yxy	2.7996, 0.5217, 0.3935
Android (android.graphics.Color)	4283245321 (0xFF4D2309)
YUV	44.5940, -17.5478, 28.4201
Hunter-Lab	16.7319, 10.3080, 9.5748

Details

The Hex color **4D2309** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **09334D**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **825035**, and **1C0001** is the 20% darker color. If you saturate the color by 10%, you get **4D1E01**, and if you desaturate by 10%, it is **4D2811**.

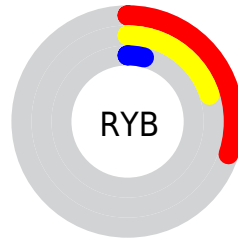
Distribution



Red (30%)

Green (14%)

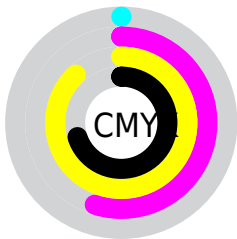
Blue (4%)



Red (30%)

Yellow (20%)

Blue (4%)

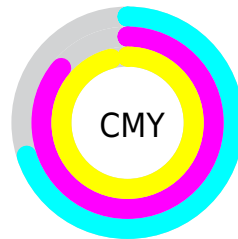


Cyan (0%)

Magenta (55%)

Yellow (88%)

Black (70%)



Cyan (70%)

Magenta (86%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D2309 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 4D2309 by changing the saturation by 10% instead.

 4D2309

 4D2309

 FFFFEA

 340E00

 825035

 1C0001

 9D694C

 000000

 B98264

 D69C7E

 F3B798

 FFD3B2

 FFEFCE

 4D2309

 4D2309

■ 4D1E01

■ 4D2811

■ 4D1D00

■ 4D2D18

■ 4D3120

■ 4D3628

■ 4D3B2F

■ 4D4037

■ 4D443F

■ 4D4947

■ 4D4E4E

Harmonies

Analogous

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



551A1E



4D2309



3E2C00

Triad

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



4D2309



003929



262B57

Complementary

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



4D2309



09334D

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.



00335B



4D2309



003940

Square

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



4D2309



083713



003752



452149

Rectangle

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



4D2309



303100



003752



132E5A

Sweetspot

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



4D2309



63534A



4D0934



332923



B3B3B3



333333

Same Dimension

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



4D2309



632600



4D4409



262422



662700



E65800

Inverse Universe

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



09334D



003D63



09124D



222526



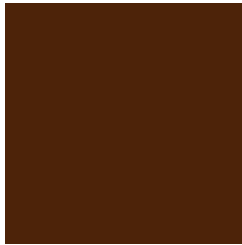
003F66



008EE6

Previews

White Background



This preview shows how the Hex color 4D2309 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

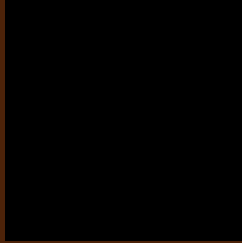
Any Text WCAG AA × Fail

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 4D2309 Background



This preview shows how black text looks on a background with the Hex color 4D2309.



This preview shows how white text looks on a background with the Hex color 4D2309.

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
4D2309

Protanopia
35300C

Deuteranopia
3C2D00



Tritanopia
4E2123

Trichromacy



Original Color
4D2309

Protanomaly
3E2B0B

Deuteranomaly
422903

Tritanomaly
4E221A

Monochromacy



Original Color
4D2309

Achromatopsia
2D2D2D

Achromatomaly
392920

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D2309 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 #4D2309 looks like.

```
.text, #text, p{  
    color:#4D2309  
}
```

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 #4D2309 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D2309
}
```

Border

The CSS property to change the border of an element to Hex 4D2309 is called "border". The border property can be set on classes, ids or directly on the HTML element.

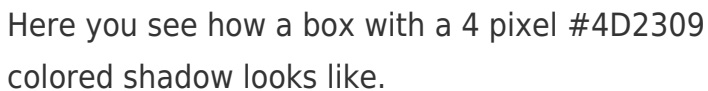
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D2309 }
```

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

```
.border{ border-color:#4D2309 }
```

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



Here you see how a box with a 4 pixel #4D2309 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D2309; -webkit-box-shadow:4px 4px  
4px 4px #4D2309; box-shadow:4px 4px 4px  
4px #4D2309 }
```

Background

The CSS property to change the background color of an element to Hex 4D2309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D2309 }
```

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

```
.background{ background-color:#4D2309 }
```

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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