

Converting Colors

Hex(4D2912)

Have a look what the booklet for
Hex(4D2912) contains.

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Color

Hex(4D2912)

Conversions

Conversions Part 1

Format	Color
Hex	4D2912
RGB	77, 41, 18
RGB Percent	30%, 16%, 7%
CMY	0.6980, 0.8392, 0.9294
CMYK	0.00, 0.47, 0.77, 0.70
HSL	23°, 62%, 19%
HSV	23°, 77%, 30%
XYZ	3.9627, 3.2073, 0.9825
YIQ	49.1420, 28.8390, 0.4790

Conversions

Conversions Part 2

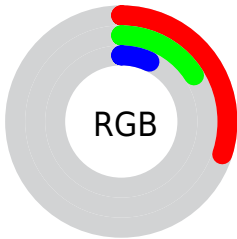
Format	Color
RYB	77, 56, 18
Decimal	5056786
CIELab	20.86, 14.51, 21.91
CIElCh	21, 26.279, 56.474
Yxy	3.2073, 0.4861, 0.3934
Android (android.graphics.Color)	4283246866 (0xFF4D2912)
YUV	49.1420, -15.3530, 24.4315
Hunter-Lab	17.9090, 8.1555, 9.2837

Details

The Hex color **4D2912** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **12364D**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **81573D**, and **1E0000** is the 20% darker color. If you saturate the color by 10%, you get **4D240A**, and if you desaturate by 10%, it is **4D2E1A**.

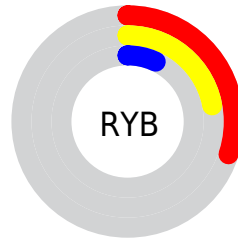
Distribution



Red (30%)

Green (16%)

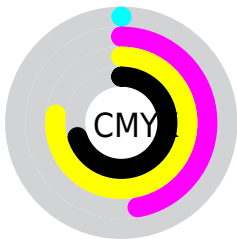
Blue (7%)



Red (30%)

Yellow (22%)

Blue (7%)

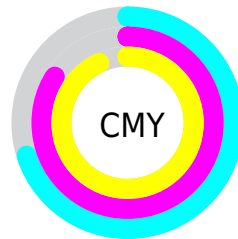


Cyan (0%)

Magenta (47%)

Yellow (77%)

Black (70%)



Cyan (70%)

Magenta (84%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D2912 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 4D2912 by changing the saturation by 10% instead.

 4D2912

 4D2912

 FFFFF4

 351400

 81573D

 1E0000

 9C6F55

 000000

 B8896D

 D5A386

 F2BEA1

 FFDABC

 FFF6D8

 4D2912

 4D2912

■ 4D240A

■ 4D2E1A

■ 4D2003

■ 4D3221

■ 4D1E00

■ 4D3729

■ 4D3C31

■ 4D4039

■ 4D4540

■ 4D4A48

■ 4D4F50

■ 4D5357

Harmonies

Analogous

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



552222



4D2912



3F3008

Triad

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



4D2912



003B2F



2F2E55

Complementary

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



4D2912



12364D

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.



003559



4D2912



003B43

Square

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



4D2912



123A1C



003952



482648

Rectangle

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



4D2912



323409



003952



233157

Sweetspot

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



4D2912



63554D



4D1236



332A25



B3B3B3



333333

Same Dimension

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



4D2912



632C08



4D4612



262422



662800



E65900

Inverse Universe

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



12364D



084063



12194D



222526



003E66



008CE6

Previews

White Background



This preview shows how the Hex color 4D2912 looks on a white background.

Color Contrast Check

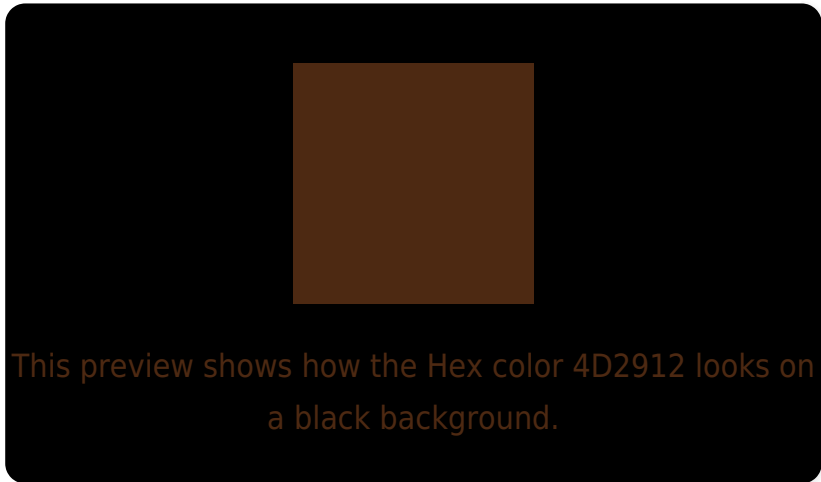
Large Text (above 18pt) WCAG AA ✓ Pass

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

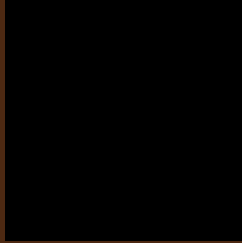
Any Text WCAG AA × Fail

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 4D2912 Background



This preview shows how black text looks on a background with the Hex color 4D2912.

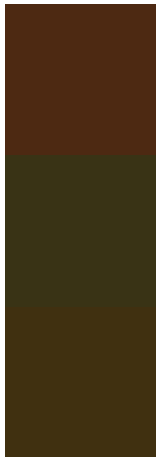


This preview shows how white text looks on a background with the Hex color 4D2912.

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
4D2912

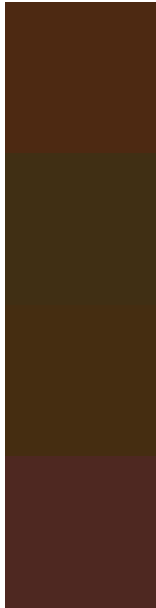
Protanopia
393315

Deuteranopia
403010



Tritanopia
4E2729

Trichromacy



Original Color
4D2912

Protanomaly
402F14

Deuteranomaly
452D11

Tritanomaly
4E2821

Monochromacy



Original Color
4D2912

Achromatopsia
313131

Achromatomaly
3B2E26

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D2912 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 #4D2912 looks like.

```
.text, #text, p{  
    color:#4D2912  
}
```

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 #4D2912 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D2912
}
```

Border

The CSS property to change the border of an element to Hex 4D2912 is called "border". The border property can be set on classes, ids or directly on the HTML element.

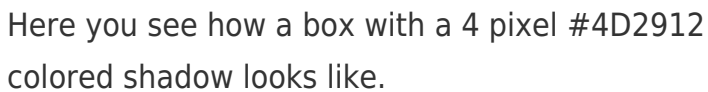
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D2912 }
```

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

```
.border{ border-color:#4D2912 }
```

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



Here you see how a box with a 4 pixel #4D2912 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D2912; -webkit-box-shadow:4px 4px  
4px 4px #4D2912; box-shadow:4px 4px 4px  
4px #4D2912 }
```

Background

The CSS property to change the background color of an element to Hex 4D2912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D2912 }
```

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

```
.background{ background-color:#4D2912 }
```

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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