

Converting Colors

Hex(2D2412)

Have a look what the booklet for
Hex(2D2412) contains.

Hex(2D2412)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2D2412)

Conversions

Conversions Part 1

Format	Color
Hex	2D2412
RGB	45, 36, 18
RGB Percent	18%, 14%, 7%
CMY	0.8235, 0.8588, 0.9294
CMYK	0.00, 0.20, 0.60, 0.82
HSL	40°, 43%, 12%
HSV	40°, 60%, 18%
XYZ	1.8222, 1.8633, 0.8359
YIQ	36.6390, 11.1420, -3.6900

Conversions

Conversions Part 2

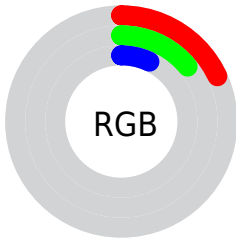
Format	Color
RYB	32, 45, 18
Decimal	2958354
CIELab	14.75, 1.27, 13.48
CIElCh	15, 13.539, 84.636
Yxy	1.8633, 0.4030, 0.4121
Android (android.graphics.Color)	4281148434 (0xFF2D2412)
YUV	36.6390, -9.1890, 7.3326
Hunter-Lab	13.6503, -0.0593, 5.9246

Details

The Hex color **2D2412** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **121B2D**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **5C503C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2D230E**, and if you desaturate by 10%, it is **2D2617**.

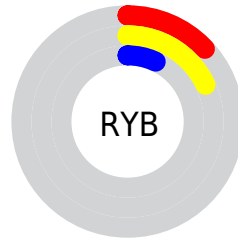
Distribution



Red (18%)

Green (14%)

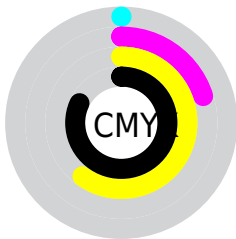
Blue (7%)



Red (13%)

Yellow (18%)

Blue (7%)

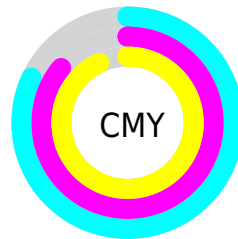


Cyan (0%)

Magenta (20%)

Yellow (60%)

Black (82%)



Cyan (82%)

Magenta (86%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D2412 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 2D2412 by changing the saturation by 10% instead.

 2D2412

 2D2412

 FFFFF2

 180F00

 5C503C

 000000

 756854

 8E816C

 A99B85

 C4B69F

 E1D2BA

 FDEED6

 2D2412

 2D2412

■ 2D230E

■ 2D2617

■ 2D2109

■ 2D271B

■ 2D2004

■ 2D2920

■ 2D1E00

■ 2D2A24

■ 2D2C29

■ 2D2D2D

■ 2D2F32

■ 2D3036

■ 2D323B

Harmonies

Analogous

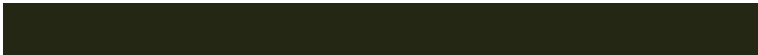
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



342116



2D2412



232714

Triad

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



2D2412



022A2D



302030

Complementary

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



2D2412



121B2D

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.



242336



2D2412



042934

Square

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



2D2412



0C2A23



142738



361E27

Rectangle

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



2D2412



1C2817



142738



2C2133

Sweetspot

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



2D2412



3B3730



2D121B



1F1C18



9E9E9E



1F1F1F

Same Dimension

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



2D2412



3B2D10



292D12



171615



573A00



D68F00

Inverse Universe

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



121B2D



101E3B



16122D



151517



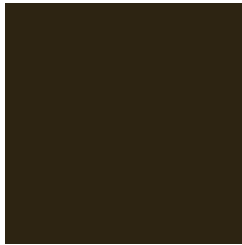
001D57



0047D6

Previews

White Background



This preview shows how the Hex color 2D2412 looks on a white background.

Color Contrast Check

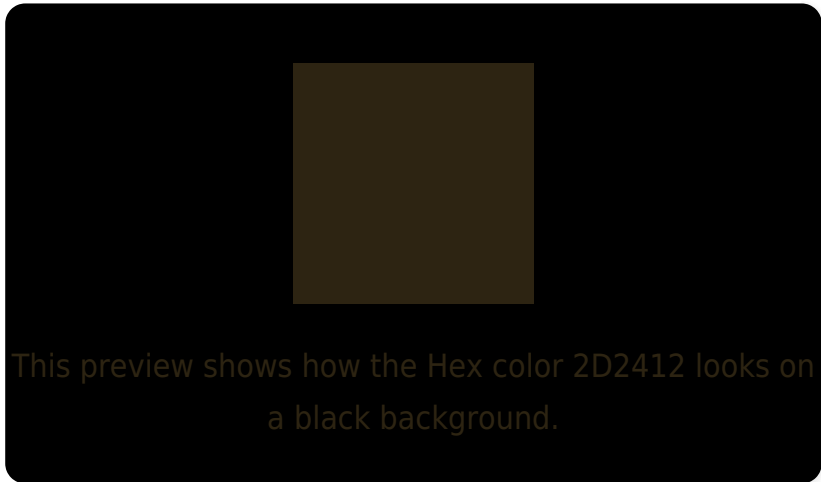
Large Text (above 18pt) WCAG AA ✓ Pass

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

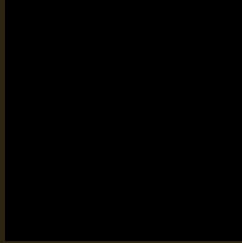
Any Text WCAG AA × Fail

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 2D2412 Background



This preview shows how black text looks on a background with the Hex color 2D2412.

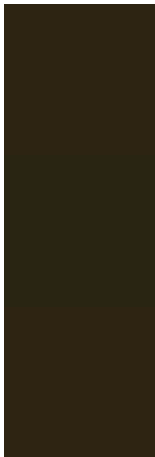


This preview shows how white text looks on a background with the Hex color 2D2412.

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
2D2412

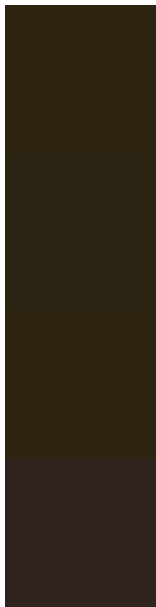
Protanopia
292512

Deuteranopia
2E2412



Tritanopia
2F2225

Trichromacy



Original Color

2D2412

Protanomaly

2A2512

Deuteranomaly

2E2412

Tritanomaly

2E231E

Monochromacy



Original Color

2D2412

Achromatopsia

252525

Achromatomaly

28251E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D2412 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 #2D2412 looks like.

```
.text, #text, p{  
    color:#2D2412  
}
```

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 #2D2412 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D2412
}
```

Border

The CSS property to change the border of an element to Hex 2D2412 is called "border". The border property can be set on classes, ids or directly on the HTML element.

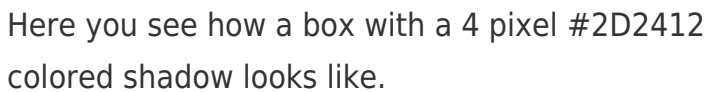
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D2412 }
```

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

```
.border{ border-color:#2D2412 }
```

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



Here you see how a box with a 4 pixel #2D2412 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D2412; -webkit-box-shadow:4px 4px  
4px 4px #2D2412; box-shadow:4px 4px 4px  
4px #2D2412 }
```

Background

The CSS property to change the background color of an element to Hex 2D2412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D2412 }
```

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

```
.background{ background-color:#2D2412 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor