

Converting Colors

Hex(2D4A0D)

Have a look what the booklet for
Hex(2D4A0D) contains.

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Color

Hex(2D4A0D)

Conversions

Conversions Part 1

Format	Color
Hex	2D4A0D
RGB	45, 74, 13
RGB Percent	18%, 29%, 5%
CMY	0.8235, 0.7098, 0.9490
CMYK	0.39, 0.00, 0.82, 0.71
HSL	89°, 70%, 17%
HSV	89°, 82%, 29%
XYZ	3.6036, 5.4845, 1.2495
YIQ	58.3750, 2.2970, -25.1190

Conversions

Conversions Part 2

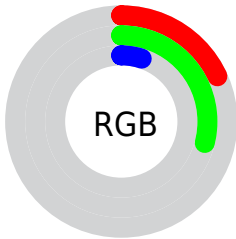
Format	Color
RYB	13, 74, 42
Decimal	2968077
CIELab	28.07, -22.00, 30.88
CIELCh	28, 37.911, 125.467
Yxy	5.4845, 0.3486, 0.5305
Android (android.graphics.Color)	4281158157 (0xFF2D4A0D)
YUV	58.3750, -22.3699, -11.7299
Hunter-Lab	23.4190, -13.5165, 13.2301

Details

The Hex color **2D4A0D** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2A0D4A**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **5E7B3C**, and **001F00** is the 20% darker color. If you saturate the color by 10%, you get **294A06**, and if you desaturate by 10%, it is **314A14**.

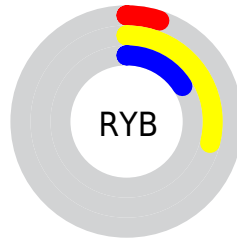
Distribution



Red (18%)

Green (29%)

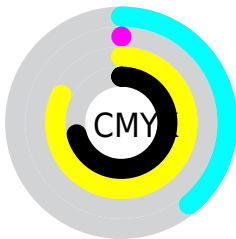
Blue (5%)



Red (5%)

Yellow (29%)

Blue (16%)

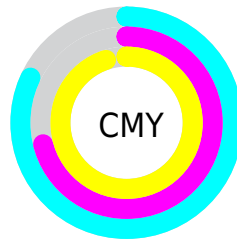


Cyan (39%)

Magenta (0%)

Yellow (82%)

Black (71%)



Cyan (82%)

Magenta (71%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D4A0D 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 2D4A0D by changing the saturation by 10% instead.

 2D4A0D

 2D4A0D

 FFFFF5

 183300

 5E7B3C

 001F00

 779554

 000000

 92B06D

 ADCB87

 C8E7A1

 E5FFBC

 FFFFD8

 2D4A0D

 2D4A0D

■ 294A06

■ 314A14

■ 274A00

■ 344A1C

■ 384A23

■ 3B4A2B

■ 3F4A32

■ 424A39

■ 464A41

■ 494A48

■ 4D4A50

Harmonies

Analogous

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



4C4300



2D4A0D



004E29

Triad

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



2D4A0D



004C77



76243E

Complementary

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



2D4A0D



2A0D4A

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.



692B5B



2D4A0D



00447D

Square

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



2D4A0D



004F63



493872



732B22

Rectangle

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



2D4A0D



004F3D



493872



742548

Sweetspot

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



2D4A0D



556149



4A290D



2A3022



B0B0B0



303030

Same Dimension

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



2D4A0D



336101



0F4A0D



242622



366600



78E600

Inverse Universe

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



2A0D4A



2F0161



480D4A



242226



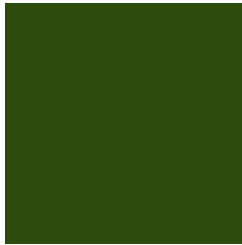
300066



6D00E6

Previews

White Background



This preview shows how the Hex color 2D4A0D looks on a white background.

Color Contrast Check

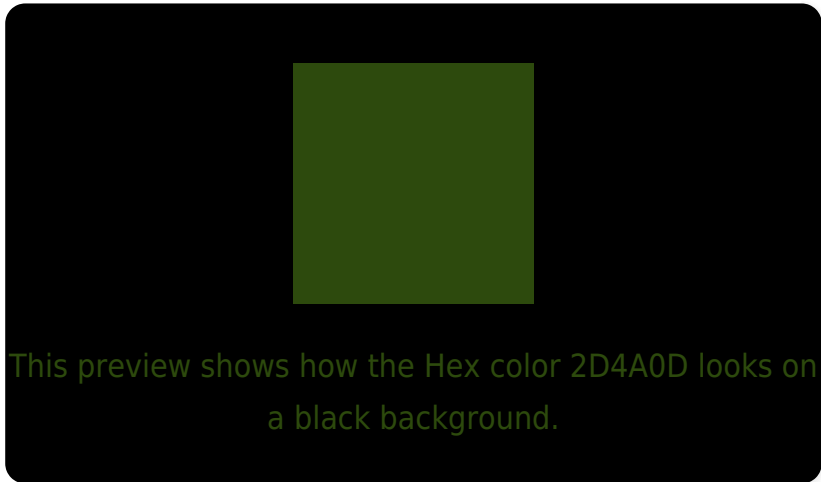
Large Text (above 18pt) WCAG AA ✓ Pass

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 2D4A0D Background



This preview shows how black text looks on a background with the Hex color 2D4A0D.



This preview shows how white text looks on a background with the Hex color 2D4A0D.

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](#).

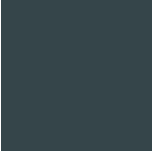
Dichromacy



Original Color
2D4A0D

Protanopia
4B420B

Deuteranopia
533F13



Tritanopia
35454A

Trichromacy



Original Color
2D4A0D

Protanomaly
40450C

Deuteranomaly
454311

Tritanomaly
324734

Monochromacy



Original Color
2D4A0D

Achromatopsia
3A3A3A

Achromatomaly
35402A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D4A0D 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 #2D4A0D looks like.

```
.text, #text, p{  
    color:#2D4A0D  
}
```

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 #2D4A0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D4A0D
}
```

Border

The CSS property to change the border of an element to Hex 2D4A0D 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
#2D4A0D }
```

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

```
.border{ border-color:#2D4A0D }
```

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

Here you see how a box with a 4 pixel #2D4A0D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D4A0D; -webkit-box-shadow:4px 4px  
4px 4px #2D4A0D; box-shadow:4px 4px 4px  
4px #2D4A0D }
```

Background

The CSS property to change the background color of an element to Hex 2D4A0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D4A0D }
```

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

```
.background{ background-color:#2D4A0D }
```

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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