

Converting Colors

Hex(2F4A0E)

Have a look what the booklet for
Hex(2F4A0E) contains.

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Color

Hex(2F4A0E)

Conversions

Conversions Part 1

Format	Color
Hex	2F4A0E
RGB	47, 74, 14
RGB Percent	18%, 29%, 5%
CMY	0.8157, 0.7098, 0.9451
CMYK	0.36, 0.00, 0.81, 0.71
HSL	87°, 68%, 17%
HSV	87°, 81%, 29%
XYZ	3.7003, 5.5336, 1.2885
YIQ	59.0870, 3.1680, -24.3840

Conversions

Conversions Part 2

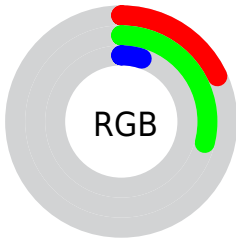
Format	Color
R_{YB}	14, 74, 41
Decimal	3099150
CIE Lab	28.20, -21.07, 30.64
CIE LCh	28, 37.185, 124.521
Yxy	5.5336, 0.3517, 0.5259
Android (android.graphics.Color)	4281289230 (0xFF2F4A0E)
YUV	59.0870, -22.2279, -10.6003
Hunter-Lab	23.5236, -13.0877, 13.2189

Details

The Hex color **2F4A0E** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **290E4A**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **607B3D**, and **001F00** is the 20% darker color. If you saturate the color by 10%, you get **2C4A07**, and if you desaturate by 10%, it is **324A15**.

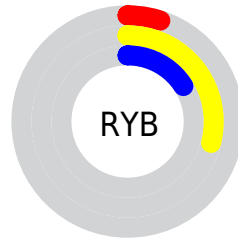
Distribution



Red (18%)

Green (29%)

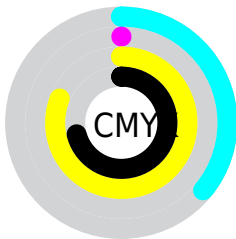
Blue (5%)



Red (5%)

Yellow (29%)

Blue (16%)

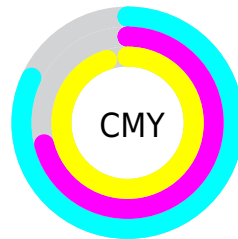


Cyan (36%)

Magenta (0%)

Yellow (81%)

Black (71%)



Cyan (82%)

Magenta (71%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F4A0E 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 2F4A0E by changing the saturation by 10% instead.

 2F4A0E

 2F4A0E

 FFFFF6

 1A3300

 607B3D

 001F00

 799555

 000000

 94B06E

 AF CB87

 CB E7A2

 E7 FFBD

 FF FF D9

 2F4A0E

 2F4A0E

■ 2C4A07

■ 324A15

■ 294A00

■ 364A1D

■ 394A24

■ 3C4A2C

■ 404A33

■ 434A3A

■ 464A42

■ 4A4A49

■ 4D4A51

Harmonies

Analogous

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



4D4300



2F4A0E



004E29

Triad

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



2F4A0E



004C76



75263F

Complementary

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



2F4A0E



290E4A

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.



682C5C



2F4A0E



00457C

Square

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



2F4A0E



004F62



483972



732C24

Rectangle

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



2F4A0E



00503C



483972



732749

Sweetspot

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



2F4A0E



56614A



4A290E



2A3022



B0B0B0



303030

Same Dimension

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



2F4A0E



376103



114A0E



252622



386600



7EE600

Inverse Universe

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



290E4A



2D0361



470E4A



242226



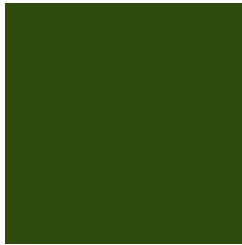
2E0066



6700E6

Previews

White Background



This preview shows how the Hex color 2F4A0E looks on a white background.

Color Contrast Check

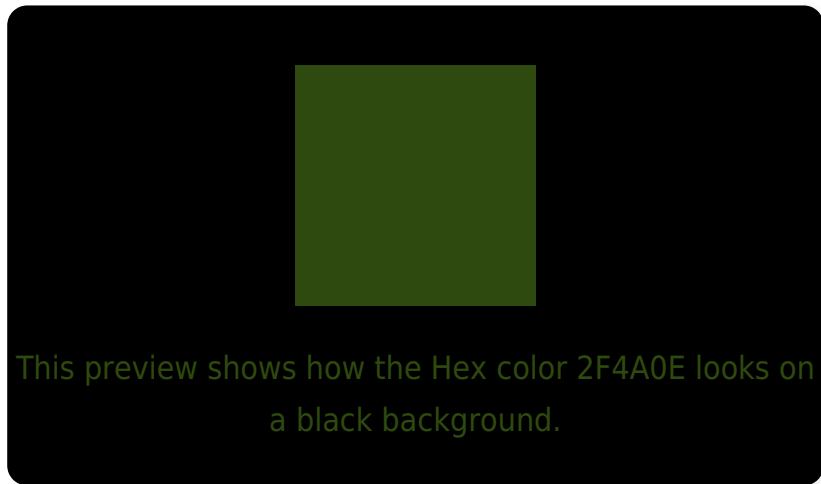
Large Text (above 18pt) WCAG AA ✓ Pass

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

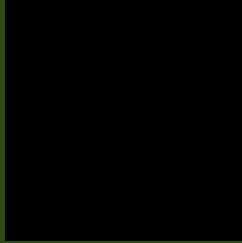
Any Text WCAG AA × Fail

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 2F4A0E Background



This preview shows how black text looks on a background with the Hex color 2F4A0E.



This preview shows how white text looks on a background with the Hex color 2F4A0E.

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](#).

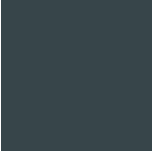
Dichromacy



Original Color
2F4A0E

Protanopia
4B430C

Deuteranopia
533F14



Tritanopia
37454A

Trichromacy



Original Color

2F4A0E

Protanomaly

41460D

Deuteranomaly

464312

Tritanomaly

344734

Monochromacy



Original Color

2F4A0E

Achromatopsia

3B3B3B

Achromatomaly

37402B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F4A0E 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 #2F4A0E looks like.

```
.text, #text, p{  
    color:#2F4A0E  
}
```

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 #2F4A0E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F4A0E
}
```

Border

The CSS property to change the border of an element to Hex 2F4A0E is called "border". The border property can be set on classes, ids or directly on the HTML element.

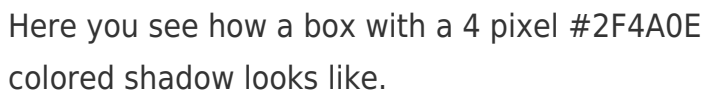
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F4A0E }
```

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

```
.border{ border-color:#2F4A0E }
```

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



Here you see how a box with a 4 pixel #2F4A0E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F4A0E; -webkit-box-shadow:4px 4px  
4px 4px #2F4A0E; box-shadow:4px 4px 4px  
4px #2F4A0E }
```

Background

The CSS property to change the background color of an element to Hex 2F4A0E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F4A0E }
```

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

```
.background{ background-color:#2F4A0E }
```

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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