

Converting Colors

Hex(2F4013)

Have a look what the booklet for
Hex(2F4013) contains.

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Color

Hex(2F4013)

Conversions

Conversions Part 1

Format	Color
Hex	2F4013
RGB	47, 64, 19
RGB Percent	18%, 25%, 7%
CMY	0.8157, 0.7490, 0.9255
CMYK	0.27, 0.00, 0.70, 0.75
HSL	83°, 54%, 16%
HSV	83°, 70%, 25%
XYZ	3.1232, 4.3181, 1.2850
YIQ	53.7870, 4.3130, -17.5990

Conversions

Conversions Part 2

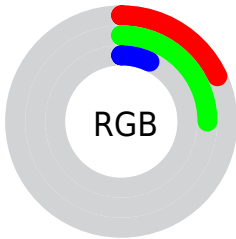
Format	Color
RYB	19, 64, 36
Decimal	3096595
CIELab	24.70, -15.27, 24.63
CIELCh	25, 28.979, 121.790
Yxy	4.3181, 0.3579, 0.4948
Android (android.graphics.Color)	4281286675 (0xFF2F4013)
YUV	53.7870, -17.1500, -5.9522
Hunter-Lab	20.7802, -9.5370, 10.8798

Details

The Hex color **2F4013** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **241340**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **5F7040**, and **001700** is the 20% darker color. If you saturate the color by 10%, you get **2D400D**, and if you desaturate by 10%, it is **314019**.

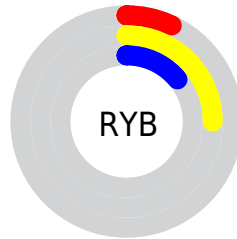
Distribution



Red (18%)

Green (25%)

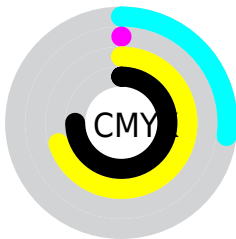
Blue (7%)



Red (7%)

Yellow (25%)

Blue (14%)

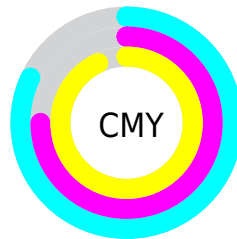


Cyan (27%)

Magenta (0%)

Yellow (70%)

Black (75%)



Cyan (82%)

Magenta (75%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F4013 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 2F4013 by changing the saturation by 10% instead.

 2F4013

 2F4013


 FFFFF8

 1B2A00

 5F7040

 001700

 788958

 000000

 92A470

 ADBF8A

 C8DAA4

 E5F7C0

 FFFFDC

 2F4013

 2F4013

■ 2D400D

■ 314019

■ 2A4006

■ 344020

■ 284000

■ 364026

■ 39402D

■ 3B4033

■ 3E4039

■ 404040

■ 424046

■ 45404D

Harmonies

Analogous

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



453A0B



2F4013



0E4425

Triad

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



2F4013



004261



62273A

Complementary

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



2F4013



241340

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.



562B50



2F4013



093D66

Square

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



2F4013



004551



3D3460



612A25

Rectangle

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



2F4013



004534



3D3460



5F2742

Sweetspot

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



2F4013



4D5442



402413



272B21



ABABAB



2B2B2B

Same Dimension

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



2F4013



39540D



194013



20211E



3C6100



8CE000

Inverse Universe

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



241340



280D54



3A1340



1F1E21



250061



5500E0

Previews

White Background



This preview shows how the Hex color 2F4013 looks on a white background.

Color Contrast Check

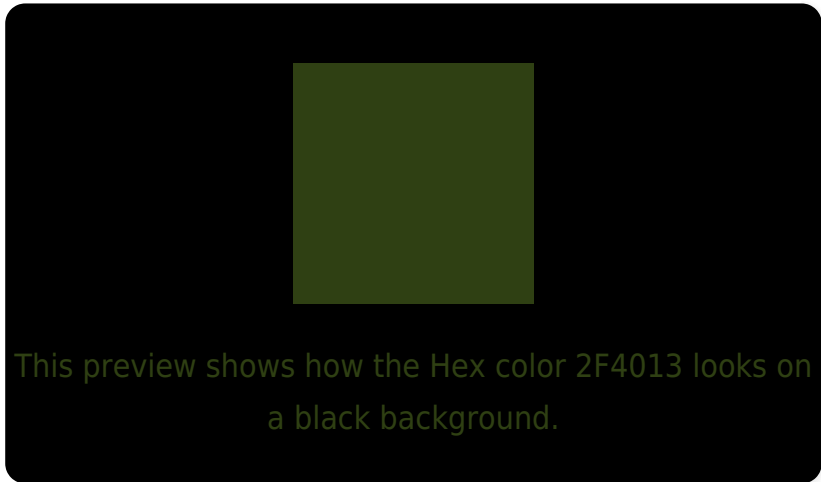
Large Text (above 18pt) WCAG AA ✓ Pass

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

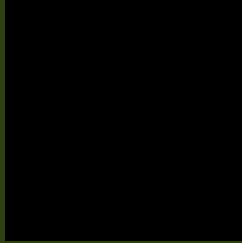
Any Text WCAG AA × Fail

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 2F4013 Background



This preview shows how black text looks on a background with the Hex color 2F4013.



This preview shows how white text looks on a background with the Hex color 2F4013.

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
2F4013

Protanopia
423B12

Deuteranopia
493816



Tritanopia
353C41

Trichromacy



Original Color
2F4013

Protanomaly
3B3D12

Deuteranomaly
403B15

Tritanomaly
333D30

Monochromacy



Original Color
2F4013

Achromatopsia
363636

Achromatomaly
333A29

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F4013 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 #2F4013 looks like.

```
.text, #text, p{  
    color:#2F4013  
}
```

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 #2F4013 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F4013
}
```

Border

The CSS property to change the border of an element to Hex 2F4013 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".

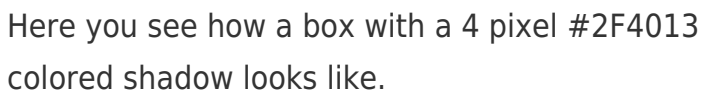
```
.border, #border, table{ border:4px solid
#2F4013 }
```

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

```
.border{ border-color:#2F4013 }
```

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

Here you see how a box with a 4 pixel #2F4013 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F4013; -webkit-box-shadow:4px 4px  
4px 4px #2F4013; box-shadow:4px 4px 4px  
4px #2F4013 }
```

Background

The CSS property to change the background color of an element to Hex 2F4013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F4013 }
```

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

```
.background{ background-color:#2F4013 }
```

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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