

Converting Colors

Hex(2F220F)

Have a look what the booklet for
Hex(2F220F) contains.

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Color

Hex(2F220F)

Conversions

Conversions Part 1

Format	Color
Hex	2F220F
RGB	47, 34, 15
RGB Percent	18%, 13%, 6%
CMY	0.8157, 0.8667, 0.9412
CMYK	0.00, 0.28, 0.68, 0.82
HSL	36°, 52%, 12%
HSV	36°, 68%, 18%
XYZ	1.8305, 1.7829, 0.6996
YIQ	35.7210, 13.8470, -3.1530

Conversions

Conversions Part 2

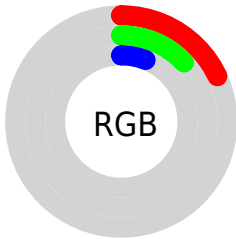
Format	Color
RYB	37, 47, 15
Decimal	3088911
CIELab	14.30, 3.40, 14.66
CIElCh	14, 15.046, 76.924
Yxy	1.7829, 0.4244, 0.4134
Android (android.graphics.Color)	4281278991 (0xFF2F220F)
YUV	35.7210, -10.2155, 9.8917
Hunter-Lab	13.3525, 1.1045, 6.2403

Details

The Hex color **2F220F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **0F1C2F**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **5E4E3A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2F200A**, and if you desaturate by 10%, it is **2F2414**.

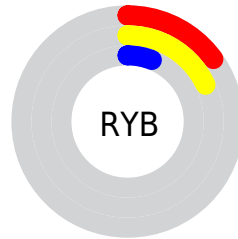
Distribution



Red (18%)

Green (13%)

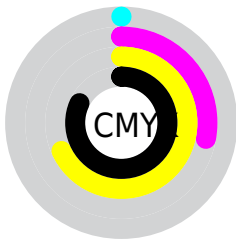
Blue (6%)



Red (15%)

Yellow (18%)

Blue (6%)

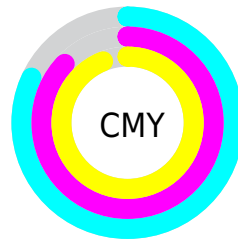


Cyan (0%)

Magenta (28%)

Yellow (68%)

Black (82%)



Cyan (82%)

Magenta (87%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F220F 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 2F220F by changing the saturation by 10% instead.

■ 2F220F

■ 2F220F

■ FFFFEF

■ 1A0C00

■ 5E4E3A

■ 000000

■ 776651

■ 917F69

■ AC9982

■ C8B49C

■ E4CFB7

■ FFEBD3

■ 2F220F

■ 2F220F

■ 2F200A

■ 2F2414

■ 2F1E06

■ 2F2618

■ 2F1C01

■ 2F281D

■ 2F1C00

■ 2F2A22

■ 2F2C27

■ 2F2D2B

■ 2F2F30

■ 2F3135

■ 2F3339

Harmonies

Analogous

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



361E15



2F220F



25250F

Triad

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



2F220F



002A2A



2D1F33

Complementary

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



2F220F



0F1C2F

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.



1E2338



2F220F



002933

Square

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



2F220F



0A291F



0A2739



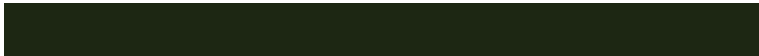
361C29

Rectangle

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



2F220F



1D2713



0A2739



292135

Sweetspot

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



2F220F



3D3831



2F0F1C



1F1C17



9E9E9E



1F1F1F

Same Dimension

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



2F220F



3D290B



2C2F0F



171615



573300



D67F00

Inverse Universe

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



0F1C2F



0B1F3D



120F2F



151617



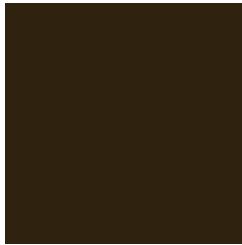
002357



0057D6

Previews

White Background



This preview shows how the Hex color 2F220F looks on a white background.

Color Contrast Check

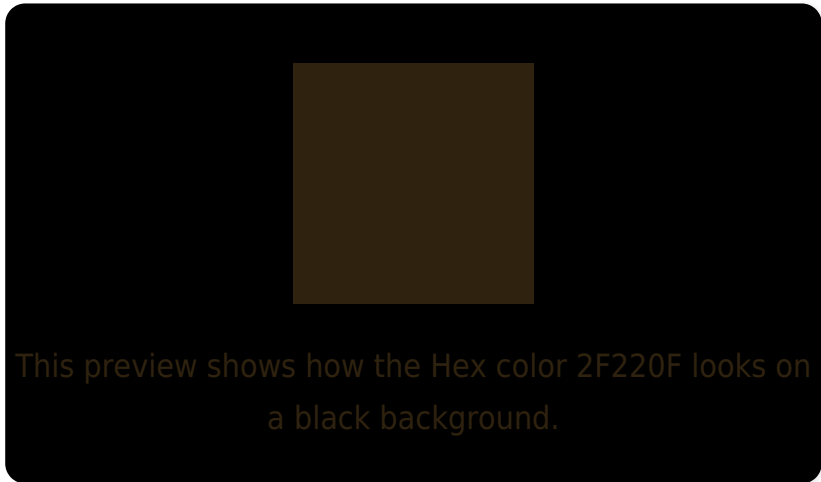
Large Text (above 18pt) WCAG AA ✓ Pass

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

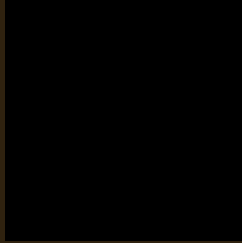
Any Text WCAG AA × Fail

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 2F220F Background



This preview shows how black text looks on a background with the Hex color 2F220F.

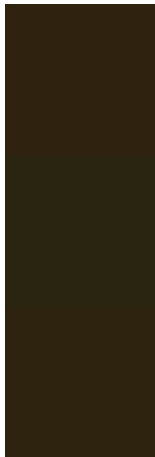


This preview shows how white text looks on a background with the Hex color 2F220F.

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

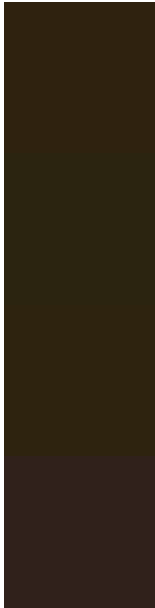


Original Color
2F220F

Protanopia
292510

Deuteranopia
2D230F

Trichromacy



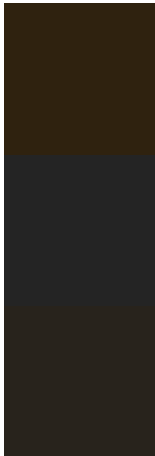
Original Color
2F220F

Protanomaly
2B2410

Deuteranomaly
2E230F

Tritanomaly
30211B

Monochromacy



Original Color
2F220F

Achromatopsia
242424

Achromatomaly
28231C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F220F 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 #2F220F looks like.

```
.text, #text, p{  
    color:#2F220F  
}
```

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 #2F220F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F220F
}
```

Border

The CSS property to change the border of an element to Hex 2F220F is called "border". The border property can be set on classes, ids or directly on the HTML element.

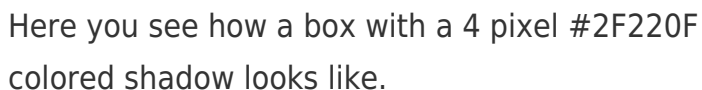
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F220F }
```

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

```
.border{ border-color:#2F220F }
```

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



Here you see how a box with a 4 pixel #2F220F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F220F; -webkit-box-shadow:4px 4px  
4px 4px #2F220F; box-shadow:4px 4px 4px  
4px #2F220F }
```

Background

The CSS property to change the background color of an element to Hex 2F220F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F220F }
```

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

```
.background{ background-color:#2F220F }
```

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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