

Converting Colors

Hex(2F220C)

Have a look what the booklet for
Hex(2F220C) contains.

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Color

Hex(2F220C)

Conversions

Conversions Part 1

Format	Color
Hex	2F220C
RGB	47, 34, 12
RGB Percent	18%, 13%, 5%
CMY	0.8157, 0.8667, 0.9529
CMYK	0.00, 0.28, 0.74, 0.82
HSL	38°, 59%, 12%
HSV	38°, 74%, 18%
XYZ	1.8107, 1.7749, 0.5950
YIQ	35.3790, 14.8100, -4.0860

Conversions

Conversions Part 2

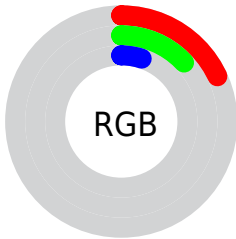
Format	Color
R_{YB}	33, 47, 12
Decimal	3088908
CIE _{Lab}	14.26, 3.11, 16.07
CIE _{LCh}	14, 16.372, 79.043
Y _{xy}	1.7749, 0.4331, 0.4246
Android (android.graphics.Color)	4281278988 (0xFF2F220C)
Y _{UV}	35.3790, -11.5258, 10.1916
Hunter-Lab	13.3227, 0.9452, 6.6780

Details

The Hex color **2F220C** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0C192F**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **5E4E37**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2F2007**, and if you desaturate by 10%, it is **2F2411**.

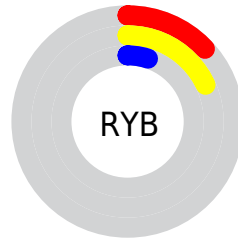
Distribution



Red (18%)

Green (13%)

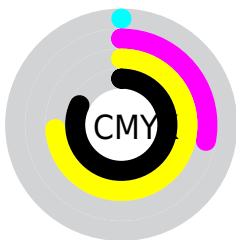
Blue (5%)



Red (13%)

Yellow (18%)

Blue (5%)

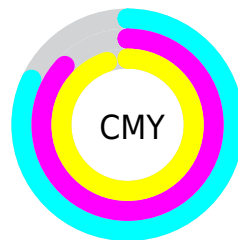


Cyan (0%)

Magenta (28%)

Yellow (74%)

Black (82%)



Cyan (82%)

Magenta (87%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F220C 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 2F220C by changing the saturation by 10% instead.

 2F220C

 2F220C

 FFFFEC

 190C00

 5E4E37

 000000

 77664E

 927F66

 AC997F

 C8B499

 E4CFB4

 FFEBD0

 2F220C

 2F220C

■ 2F2007

■ 2F2411

■ 2F1F03

■ 2F2515

■ 2F1E00

■ 2F271A

■ 2F291F

■ 2F2B24

■ 2F2C28

■ 2F2E2D

■ 2F3032

■ 2F3236

Harmonies

Analogous

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



371E13



2F220C



24260D

Triad

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



2F220C



002A2B



2E1E33

Complementary

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



2F220C



0C192F

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.



1F233A



2F220C



002935

Square

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



2F220C



052A1F



07273A



371B29

Rectangle

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



2F220C



1B2812



07273A



2A2036

Sweetspot

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



2F220C



3D3830



2F0C19



1F1C17



9E9E9E



1F1F1F

Same Dimension

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



2F220C



3D2907



2B2F0C



171615



573600



D68700

Inverse Universe

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



0C192F



071B3D



100C2F



151617



002057



0050D6

Previews

White Background



This preview shows how the Hex color 2F220C looks on a white background.

Color Contrast Check

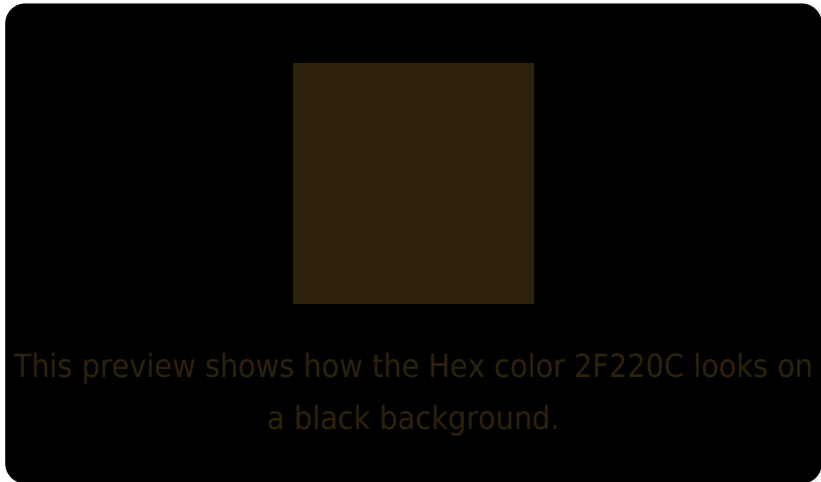
Large Text (above 18pt) WCAG AA ✓ Pass

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

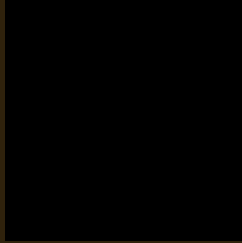
Any Text WCAG AA × Fail

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 2F220C Background



This preview shows how black text looks on a background with the Hex color 2F220C.

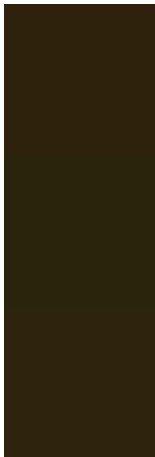


This preview shows how white text looks on a background with the Hex color 2F220C.

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

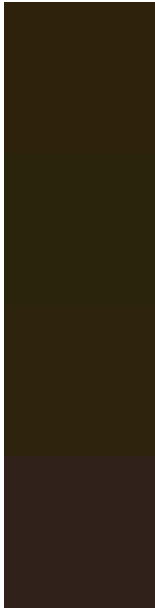


Original Color
2F220C

Protanopia
29250D

Deuteranopia
2E230C

Trichromacy



Original Color
2F220C

Protanomaly
2B240D

Deuteranomaly
2E230C

Tritanomaly
30211A

Monochromacy



Original Color
2F220C

Achromatopsia
232323

Achromatomaly
27231B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F220C 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 #2F220C looks like.

```
.text, #text, p{  
    color:#2F220C  
}
```

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 #2F220C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F220C
}
```

Border

The CSS property to change the border of an element to Hex 2F220C is called "border". The border property can be set on classes, ids or directly on the HTML element.

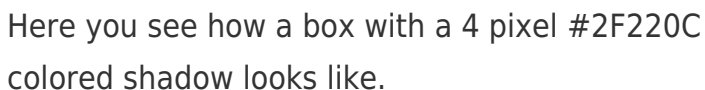
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F220C }
```

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

```
.border{ border-color:#2F220C }
```

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



Here you see how a box with a 4 pixel #2F220C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F220C; -webkit-box-shadow:4px 4px  
4px 4px #2F220C; box-shadow:4px 4px 4px  
4px #2F220C }
```

Background

The CSS property to change the background color of an element to Hex 2F220C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F220C }
```

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

```
.background{ background-color:#2F220C }
```

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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