

Converting Colors

Hex(2F1F0C)

Have a look what the booklet for
Hex(2F1F0C) contains.

Hex(2F1F0C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2F1F0C)

Conversions

Conversions Part 1

Format	Color
Hex	2F1F0C
RGB	47, 31, 12
RGB Percent	18%, 12%, 5%
CMY	0.8157, 0.8784, 0.9529
CMYK	0.00, 0.34, 0.74, 0.82
HSL	33°, 59%, 12%
HSV	33°, 74%, 18%
XYZ	1.7286, 1.6109, 0.5676
YIQ	33.6180, 15.6350, -2.5170

Conversions

Conversions Part 2

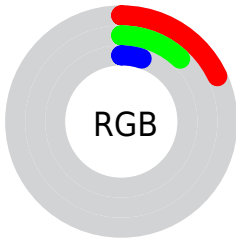
Format	Color
R_{YB}	41, 47, 12
Decimal	3088140
CIE _{Lab}	13.30, 5.21, 14.81
CIE _{LCh}	13, 15.696, 70.601
Yxy	1.6109, 0.4424, 0.4123
Android (android.graphics.Color)	4281278220 (0xFF2F1F0C)
YUV	33.6180, -10.6577, 11.7360
Hunter-Lab	12.6919, 2.1007, 6.2326

Details

The Hex color **2F1F0C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **0C1C2F**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **5E4B37**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2F1D07**, and if you desaturate by 10%, it is **2F2111**.

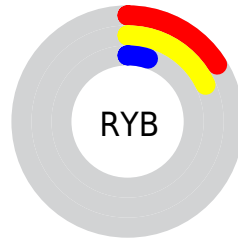
Distribution



Red (18%)

Green (12%)

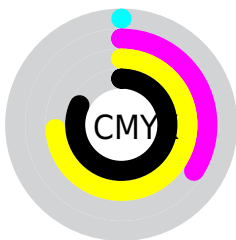
Blue (5%)



Red (16%)

Yellow (18%)

Blue (5%)

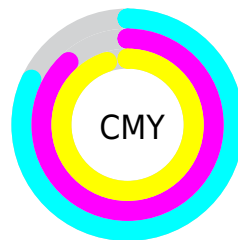


Cyan (0%)

Magenta (34%)

Yellow (74%)

Black (82%)



Cyan (82%)

Magenta (88%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F1F0C 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 2F1F0C by changing the saturation by 10% instead.

■ 2F1F0C

■ 2F1F0C

■ FFFFEC

■ 190700

■ 5E4B37

■ 000000

■ 78634E

■ 927B66

■ AD957F

■ C8B099

■ E4CBB4

■ FFE7D0

■ 2F1F0C

■ 2F1F0C

■ 2F1D07

■ 2F2111

■ 2F1B03

■ 2F2315

■ 2F1A00

■ 2F251A

■ 2F281F

■ 2F2A24

■ 2F2C28

■ 2F2E2D

■ 2F3032

■ 2F3236

Harmonies

Analogous

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



351B14



2F1F0C



25230A

Triad

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



2F1F0C



002826



281E33

Complementary

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



2F1F0C



0C1C2F

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.



182237



2F1F0C



002730

Square

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



2F1F0C



0A271B



002537



331A2A

Rectangle

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



2F1F0C



1E250E



002537



231F35

Sweetspot

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



2F1F0C



3D3730



2F0C1C



1F1B17



9E9E9E



1F1F1F

Same Dimension

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



2F1F0C



3D2407



2E2F0C



171615



572F00



D67400

Inverse Universe

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



0C1C2F



07203D



0D0C2F



151617



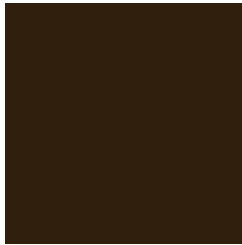
002857



0062D6

Previews

White Background



This preview shows how the Hex color 2F1F0C looks on a white background.

Color Contrast Check

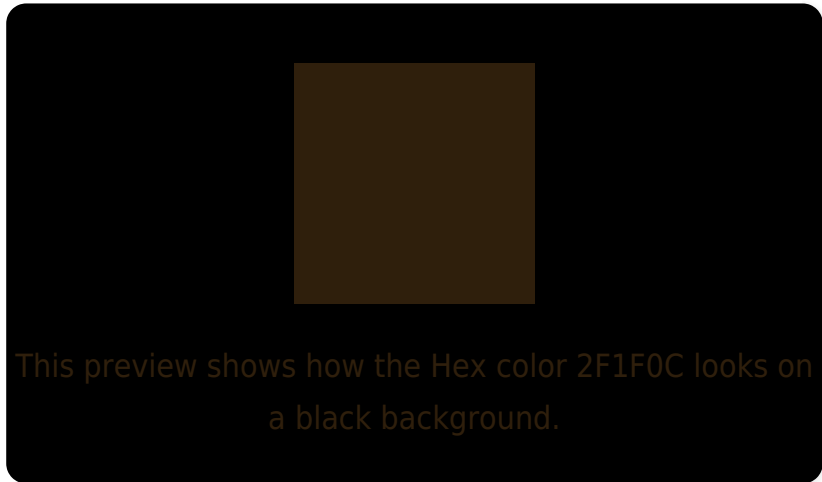
Large Text (above 18pt) WCAG AA ✓ Pass

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

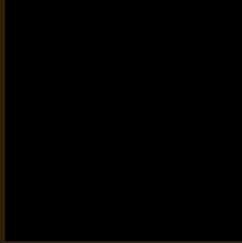
Any Text WCAG AA × Fail

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 2F1F0C Background



This preview shows how black text looks on a background with the Hex color 2F1F0C.

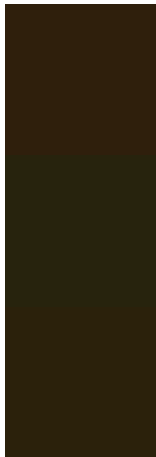


This preview shows how white text looks on a background with the Hex color 2F1F0C.

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](#).

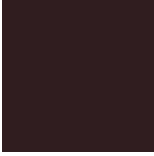
Dichromacy



Original Color
2F1F0C

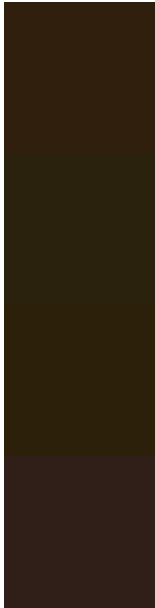
Protanopia
27230D

Deuteranopia
2B210B



Tritanopia
301D1F

Trichromacy



Original Color
2F1F0C

Protanomaly
2A220D

Deuteranomaly
2C200B

Tritanomaly
301E18

Monochromacy



Original Color
2F1F0C

Achromatopsia
222222

Achromatomaly
27211A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F1F0C 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 #2F1F0C looks like.

```
.text, #text, p{  
    color:#2F1F0C  
}
```

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 #2F1F0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F1F0C
}
```

Border

The CSS property to change the border of an element to Hex 2F1F0C 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
#2F1F0C }
```

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

```
.border{ border-color:#2F1F0C }
```

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

Here you see how a box with a 4 pixel #2F1F0C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F1F0C; -webkit-box-shadow:4px 4px  
4px 4px #2F1F0C; box-shadow:4px 4px 4px  
4px #2F1F0C }
```

Background

The CSS property to change the background color of an element to Hex 2F1F0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F1F0C }
```

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

```
.background{ background-color:#2F1F0C }
```

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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