

Converting Colors

Hex(2F1E08)

Have a look what the booklet for
Hex(2F1E08) contains.

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Color

Hex(2F1E08)

Conversions

Conversions Part 1

Format	Color
Hex	2F1E08
RGB	47, 30, 8
RGB Percent	18%, 12%, 3%
CMY	0.8157, 0.8824, 0.9686
CMYK	0.00, 0.36, 0.83, 0.82
HSL	34°, 71%, 11%
HSV	34°, 83%, 18%
XYZ	1.6804, 1.5504, 0.4404
YIQ	32.5750, 17.1940, -3.2380

Conversions

Conversions Part 2

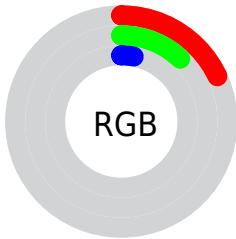
Format	Color
RYB	38, 47, 8
Decimal	3087880
CIELab	12.93, 5.58, 15.99
CIElCh	13, 16.930, 70.764
Yxy	1.5504, 0.4577, 0.4223
Android (android.graphics.Color)	4281277960 (0xFF2F1E08)
YUV	32.5750, -12.1155, 12.6507
Hunter-Lab	12.4516, 2.2991, 6.6190

Details

The Hex color **2F1E08** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **08192F**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **5E4A34**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2F1C03**, and if you desaturate by 10%, it is **2F200D**.

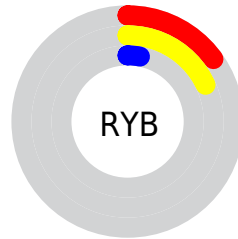
Distribution



Red (18%)

Green (12%)

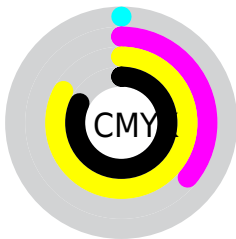
Blue (3%)



Red (15%)

Yellow (18%)

Blue (3%)

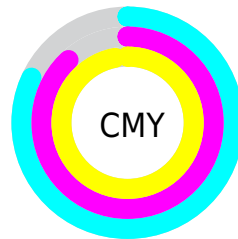


Cyan (0%)

Magenta (36%)

Yellow (83%)

Black (82%)



Cyan (82%)

Magenta (88%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F1E08 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 2F1E08 by changing the saturation by 10% instead.

 2F1E08

 2F1E08

 FFFFE9

 180600

 5E4A34

 000000

 78614B

 927A63

 AD947C

 C8AF96

 E5CAB1

 FFE6CC

 2F1E08

 2F1E08

■ 2F1C03

■ 2F200D

■ 2F1B00

■ 2F2211

■ 2F2416

■ 2F261B

■ 2F2820

■ 2F2A24

■ 2F2C29

■ 2F2E2E

■ 2F3032

Harmonies

Analogous

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



361A12



2F1E08



252206

Triad

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



2F1E08



002725



281D33

Complementary

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



2F1E08



08192F

Split Complementary

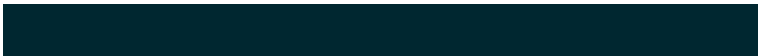
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



152138



2F1E08



002730

Square

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



2F1E08



062719



002537



331929

Rectangle

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



2F1E08



1D240B



002537



231E36

Sweetspot

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



2F1E08



3D372E



2F081A



1F1B15



9E9E9E



1F1F1F

Same Dimension

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



2F1E08



3D2300



2D2F08



171615



573100



D67900

Inverse Universe

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



08192F



001B3D



0A082F



151617



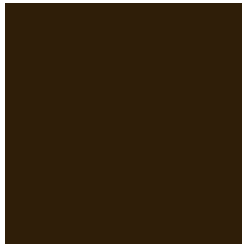
002657



005DD6

Previews

White Background



This preview shows how the Hex color 2F1E08 looks on a white background.

Color Contrast Check

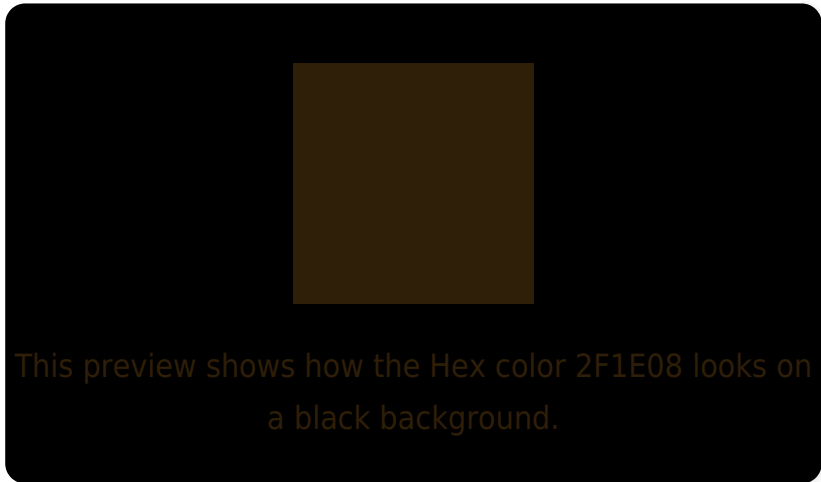
Large Text (above 18pt) WCAG AA ✓ Pass

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

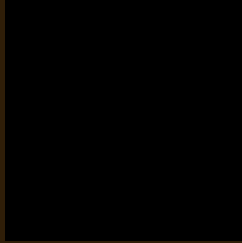
Any Text WCAG AA × Fail

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 2F1E08 Background



This preview shows how black text looks on a background with the Hex color 2F1E08.

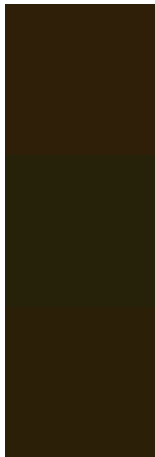


This preview shows how white text looks on a background with the Hex color 2F1E08.

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](#).

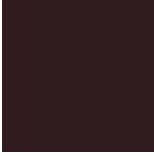
Dichromacy



Original Color
2F1E08

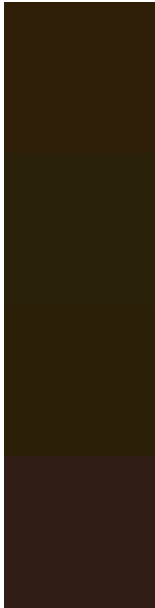
Protanopia
262209

Deuteranopia
2B2007



Tritanopia
301C1E

Trichromacy



Original Color
2F1E08

Protanomaly
292109

Deuteranomaly
2C1F07

Tritanomaly
301D16

Monochromacy



Original Color
2F1E08

Achromatopsia
212121

Achromatomaly
262018

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F1E08 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 #2F1E08 looks like.

```
.text, #text, p{  
    color:#2F1E08  
}
```

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 #2F1E08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F1E08  
}
```

Border

The CSS property to change the border of an element to Hex 2F1E08 is called "border". The border property can be set on classes, ids or directly on the HTML element.

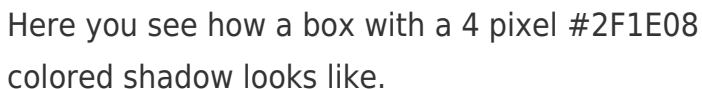
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#2F1E08 }
```

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

```
.border{ border-color:#2F1E08 }
```

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



Here you see how a box with a 4 pixel #2F1E08 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F1E08; -webkit-box-shadow:4px 4px  
4px 4px #2F1E08; box-shadow:4px 4px 4px  
4px #2F1E08 }
```

Background

The CSS property to change the background color of an element to Hex 2F1E08 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F1E08 }
```

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

```
.background{ background-color:#2F1E08 }
```

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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