

Converting Colors

Hex(2F3313)

Have a look what the booklet for
Hex(2F3313) contains.

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Color

Hex(2F3313)

Conversions

Conversions Part 1

Format	Color
Hex	2F3313
RGB	47, 51, 19
RGB Percent	18%, 20%, 7%
CMY	0.8157, 0.8000, 0.9255
CMYK	0.08, 0.00, 0.63, 0.80
HSL	68°, 46%, 14%
HSV	68°, 63%, 20%
XYZ	2.4737, 3.0190, 1.0684
YIQ	46.1560, 7.8880, -10.8000

Conversions

Conversions Part 2

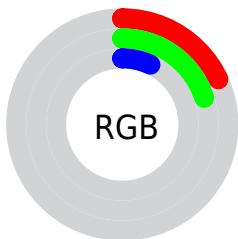
Format	Color
RYB	19, 51, 23
Decimal	3093267
CIELab	20.12, -7.52, 19.46
CIElCh	20, 20.859, 111.119
Yxy	3.0190, 0.3770, 0.4601
Android (android.graphics.Color)	4281283347 (0xFF2F3313)
YUV	46.1560, -13.3879, 0.7402
Hunter-Lab	17.3753, -4.9943, 8.5168

Details

The Hex color **2F3313** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **171333**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **5E613E**, and **000100** is the 20% darker color. If you saturate the color by 10%, you get **2E330E**, and if you desaturate by 10%, it is **303318**.

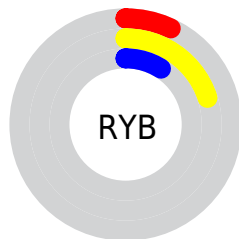
Distribution



Red (18%)

Green (20%)

Blue (7%)



Red (7%)

Yellow (20%)

Blue (9%)

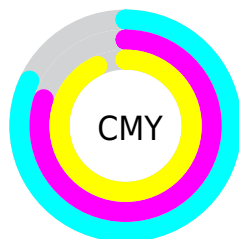


Cyan (8%)

Magenta (0%)

Yellow (63%)

Black (80%)



Cyan (82%)

Magenta (80%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F3313 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 2F3313 by changing the saturation by 10% instead.

 2F3313

 2F3313


 FFFFF6


 1B1E00

 5E613E

 000100

 777A56

 000000

 91946E

 ACAE88

 C7CAA2

 E3E6BD

 FFFFD9

 2F3313

 2F3313

■ 2E330E

■ 303318

■ 2E3309

■ 30331D

■ 2D3304

■ 313322

■ 2D3300

■ 323327

■ 32332D

■ 333332

■ 333337

■ 34333C

■ 353341

Harmonies

Analogous

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



3E2E12



2F3313



1D361D

Triad

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



2F3313



003748



4B2436

Complementary

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



2F3313



171333

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.



3F2844



2F3313



08344F

Square

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



2F3313



00383B



2B2E4D



4D2426

Rectangle

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



2F3313



0D3826



2B2E4D



48253B

Sweetspot

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



2F3313



414236



331713



20211A



A1A1A1



212121

Same Dimension

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



2F3313



3C4211



1F3313



191A17



4E5900



BED900

Inverse Universe

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



171333



171142



271333



17171A



0B0059



1B00D9

Previews

White Background



This preview shows how the Hex color 2F3313 looks on a white background.

Color Contrast Check

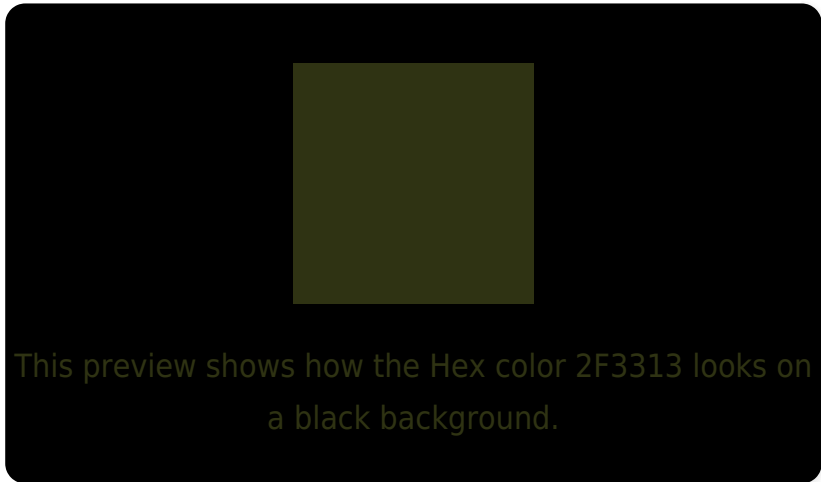
Large Text (above 18pt) WCAG AA ✓ Pass

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

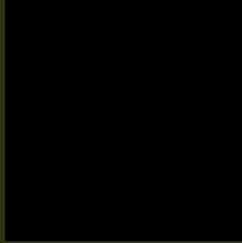
Any Text WCAG AA × Fail

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 2F3313 Background



This preview shows how black text looks on a background with the Hex color 2F3313.

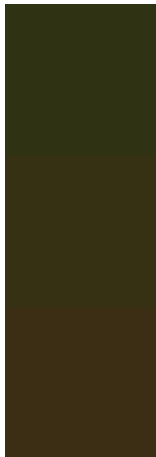


This preview shows how white text looks on a background with the Hex color 2F3313.

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
2F3313

Protanopia
363112

Deuteranopia
3C2E14



Tritanopia
323034

Trichromacy



Original Color
2F3313

Protanomaly
333212

Deuteranomaly
373014

Tritanomaly
313128

Monochromacy



Original Color
2F3313

Achromatopsia
2E2E2E

Achromatomaly
2E3024

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F3313 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 #2F3313 looks like.

```
.text, #text, p{  
    color:#2F3313  
}
```

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 #2F3313 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F3313
}
```

Border

The CSS property to change the border of an element to Hex 2F3313 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
#2F3313 }
```

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

```
.border{ border-color:#2F3313 }
```

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

Here you see how a box with a 4 pixel #2F3313 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F3313; -webkit-box-shadow:4px 4px  
4px 4px #2F3313; box-shadow:4px 4px 4px  
4px #2F3313 }
```

Background

The CSS property to change the background color of an element to Hex 2F3313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F3313 }
```

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

```
.background{ background-color:#2F3313 }
```

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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