

Converting Colors

Hex(293F1C)

Have a look what the booklet for
Hex(293F1C) contains.

Hex(293F1C)	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(293F1C)

Conversions

Conversions Part 1

Format	Color
Hex	293F1C
RGB	41, 63, 28
RGB Percent	16%, 25%, 11%
CMY	0.8392, 0.7529, 0.8902
CMYK	0.35, 0.00, 0.56, 0.75
HSL	98°, 38%, 18%
HSV	98°, 56%, 25%
XYZ	2.9016, 4.1103, 1.7390
YIQ	52.4320, -1.8770, -15.5490

Conversions

Conversions Part 2

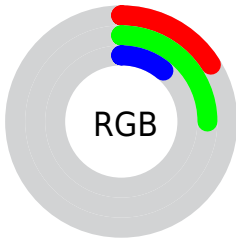
Format	Color
R_{YB}	28, 63, 50
Decimal	2703132
CIE _{Lab}	24.03, -16.29, 18.65
CIE _{LCh}	24, 24.765, 131.124
Yxy	4.1103, 0.3316, 0.4697
Android (android.graphics.Color)	4280893212 (0xFF293F1C)
YUV	52.4320, -12.0450, -10.0259
Hunter-Lab	20.2738, -9.9325, 9.1059

Details

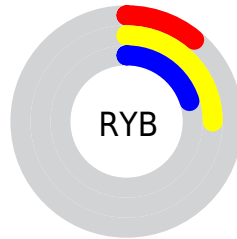
The Hex color **293F1C** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **321C3F**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **586F48**, and **001600** is the 20% darker color. If you saturate the color by 10%, you get **253F16**, and if you desaturate by 10%, it is **2D3F22**.

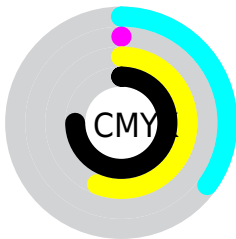
Distribution



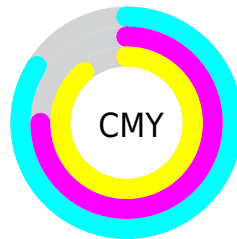
- Red (16%)
- Green (25%)
- Blue (11%)



- Red (11%)
- Yellow (25%)
- Blue (20%)



- Cyan (35%)
- Magenta (0%)
- Yellow (56%)
- Black (75%)



- Cyan (84%)
- Magenta (75%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 293F1C 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 293F1C by changing the saturation by 10% instead.

 293F1C

 293F1C

FFFFFF

 142904

 586F48

 001600

 708860

 000000

 8AA379

 A5BE93

 C0D9AE

 DCF6C9

 F9FFE6

 293F1C

 293F1C

■ 253F16

■ 2D3F22

■ 213F0F

■ 313F29

■ 1D3F09

■ 353F2F

■ 193F03

■ 393F35

■ 173F00

■ 3D3F3C

■ 413F42

■ 453F48

■ 493F4E

■ 4D3F55

Harmonies

Analogous

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



3D3A13



293F1C



0A422C

Triad

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



293F1C



003E5C



5C2933

Complementary

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



293F1C



321C3F

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.



552B46



293F1C



26395E

Square

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



293F1C



004251



443155



592D22

Rectangle

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



293F1C



004239



443155



5B2939

Sweetspot

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



293F1C



495244



3F321C



242921



A8A8A8



292929

Same Dimension

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



293F1C



2F521B



1C3F20



1D1F1C



235E00



52DE00

Inverse Universe

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



321C3F



3D1B52



3F1C3B



1D1C1F



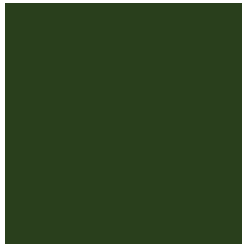
3B005E



8B00DE

Previews

White Background



This preview shows how the Hex color 293F1C looks on a white background.

Color Contrast Check

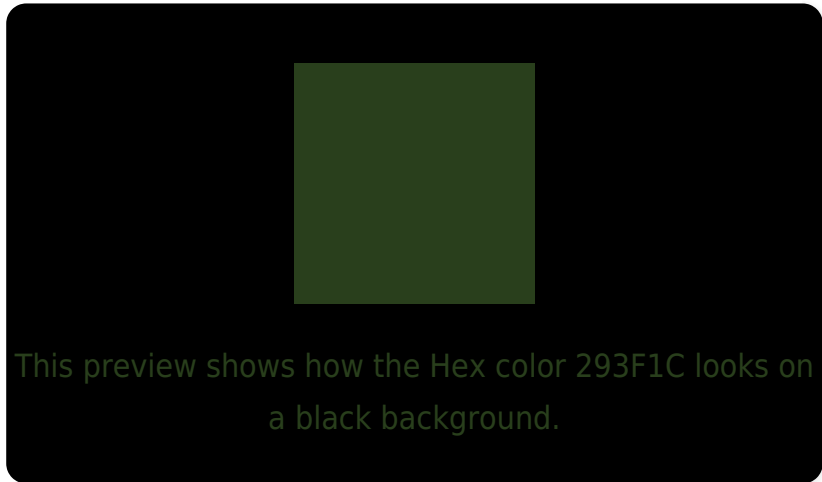
Large Text (above 18pt) WCAG AA ✓ Pass

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

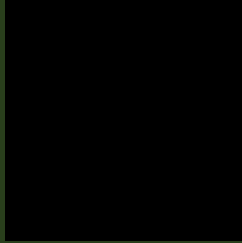
Any Text WCAG AA × Fail

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 293F1C Background



This preview shows how black text looks on a background with the Hex color 293F1C.



This preview shows how white text looks on a background with the Hex color 293F1C.

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
293F1C

Protanopia
3F391A

Deuteranopia
46361E



Tritanopia
2F3B40

Trichromacy



Original Color
293F1C

Protanomaly
373B1B

Deuteranomaly
3B391D

Tritanomaly
2D3C33

Monochromacy



Original Color
293F1C

Achromatopsia
343434

Achromatomaly
30382B

CSS Examples

Text

The CSS property to change the color of the text to Hex 293F1C 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 #293F1C looks like.

```
.text, #text, p{  
    color:#293F1C  
}
```

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 #293F1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #293F1C
}
```

Border

The CSS property to change the border of an element to Hex 293F1C 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".

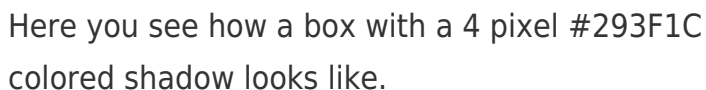
```
.border, #border, table{ border:4px solid
#293F1C }
```

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

```
.border{ border-color:#293F1C }
```

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

Here you see how a box with a 4 pixel #293F1C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #293F1C; -webkit-box-shadow:4px 4px  
4px 4px #293F1C; box-shadow:4px 4px 4px  
4px #293F1C }
```

Background

The CSS property to change the background color of an element to Hex 293F1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#293F1C }
```

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

```
.background{ background-color:#293F1C }
```

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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