

Converting Colors

Hex(2F1700)

Have a look what the booklet for
Hex(2F1700) contains.

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Color

Hex(2F1700)

Conversions

Conversions Part 1

Format	Color
Hex	2F1700
RGB	47, 23, 0
RGB Percent	18%, 9%, 0%
CMY	0.8157, 0.9098, 1.0000
CMYK	0.00, 0.51, 1.00, 0.82
HSL	29°, 100%, 9%
HSV	29°, 100%, 18%
XYZ	1.4787, 1.2171, 0.1570
YIQ	27.5540, 21.6870, -2.0650

Conversions

Conversions Part 2

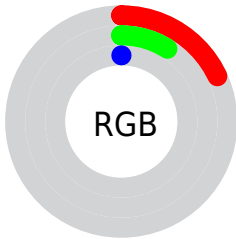
Format	Color
RYB	47, 45, 0
Decimal	3086080
CIELab	10.68, 9.81, 16.17
CIELCh	11, 18.914, 58.772
Yxy	1.2171, 0.5183, 0.4266
Android (android.graphics.Color)	4281276160 (0xFF2F1700)
YUV	27.5540, -13.5841, 17.0541
Hunter-Lab	11.0324, 4.6180, 6.8789

Details

The Hex color **2F1700** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **00182F**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **5F422F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2F1700**, and if you desaturate by 10%, it is **2F1905**.

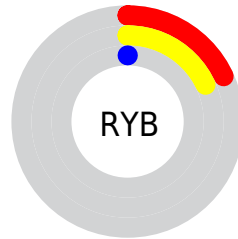
Distribution



Red (18%)

Green (9%)

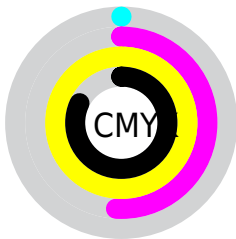
Blue (0%)



Red (18%)

Yellow (18%)

Blue (0%)

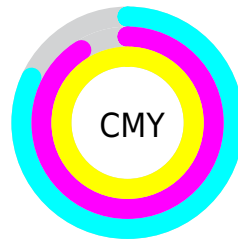


Cyan (0%)

Magenta (51%)

Yellow (100%)

Black (82%)



Cyan (82%)

Magenta (91%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F1700 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 2F1700 by changing the saturation by 10% instead.

 2F1700

 2F1700

 FFFAE2

 180000

 5F422F

 000000

 785946

 93725E

 AE8C76

 C9A690

 E6C1AB

 FFDDC6

 2F1700

■ 2F1905

■ 2F1C09

■ 2F1E0E

■ 2F2113

■ 2F2318

■ 2F251C

■ 2F2821

■ 2F2A26

■ 2F2D2A

Harmonies

Analogous

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



341310



2F1700



261C00

Triad

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



2F1700



00231C



1C1A33

Complementary

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



2F1700



00182F

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.



001E36



2F1700



002329

Square

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



2F1700



06220E



002233



2C142A

Rectangle

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



2F1700



1E1E00



002233



151B35

Sweetspot

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



2F1700



3D342B



2F0018



1F1914



9E9E9E



1F1F1F

Same Dimension

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



2F1700



3D1E00



2F2E00



171615



572A00



D66900

Inverse Universe

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



00182F



001F3D



00012F



151617



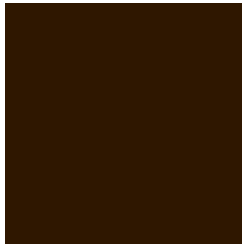
002C57



006DD6

Previews

White Background



This preview shows how the Hex color 2F1700 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

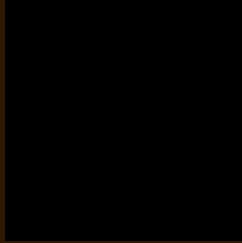
Any Text WCAG AA × Fail

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 2F1700 Background



This preview shows how black text looks on a background with the Hex color 2F1700.

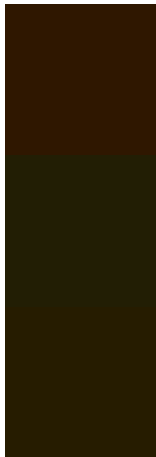


This preview shows how white text looks on a background with the Hex color 2F1700.

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
2F1700

Protanopia
221E04

Deuteranopia
261C00



Tritanopia
301517

Trichromacy



Original Color
2F1700

Protanomaly
271B03

Deuteranomaly
291A00

Tritanomaly
30160F

Monochromacy



Original Color
2F1700

Achromatopsia
1C1C1C

Achromatomaly
231A12

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F1700 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 #2F1700 looks like.

```
.text, #text, p{  
  color:#2F1700  
}
```

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 #2F1700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F1700
}
```

Border

The CSS property to change the border of an element to Hex 2F1700 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".

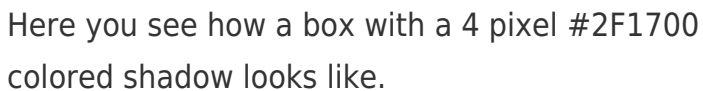
```
.border, #border, table{ border:4px solid
#2F1700 }
```

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

```
.border{ border-color:#2F1700 }
```

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

Here you see how a box with a 4 pixel #2F1700 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F1700; -webkit-box-shadow:4px 4px  
4px 4px #2F1700; box-shadow:4px 4px 4px  
4px #2F1700 }
```

Background

The CSS property to change the background color of an element to Hex 2F1700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F1700 }
```

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

```
.background{ background-color:#2F1700 }
```

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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