

Converting Colors

Hex(2F0700)

Have a look what the booklet for
Hex(2F0700) contains.

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Color

Hex(2F0700)

Conversions

Conversions Part 1

Format	Color
Hex	2F0700
RGB	47, 7, 0
RGB Percent	18%, 3%, 0%
CMY	0.8157, 0.9725, 1.0000
CMYK	0.00, 0.85, 1.00, 0.82
HSL	9°, 100%, 9%
HSV	9°, 100%, 18%
XYZ	1.2483, 0.7563, 0.0802
YIQ	18.1620, 26.0870, 6.3030

Conversions

Conversions Part 2

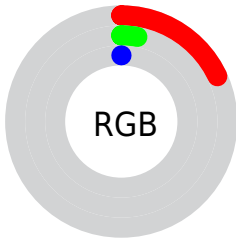
Format	Color
RYB	47, 8, 0
Decimal	3081984
CIELab	6.83, 19.55, 10.63
CIELCh	7, 22.258, 28.532
Yxy	0.7563, 0.5988, 0.3628
Android (android.graphics.Color)	4281272064 (0xFF2F0700)
YUV	18.1620, -8.9539, 25.2909
Hunter-Lab	8.6965, 10.4023, 5.5409

Details

The Hex color **2F0700** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **00282F**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **5F3330**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2F0700**, and if you desaturate by 10%, it is **2F0B05**.

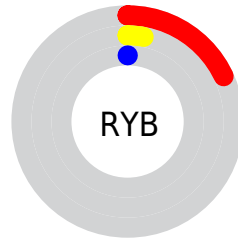
Distribution



Red (18%)

Green (3%)

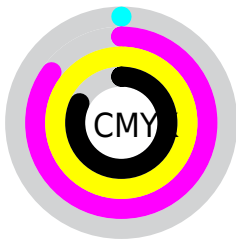
Blue (0%)



Red (18%)

Yellow (3%)

Blue (0%)

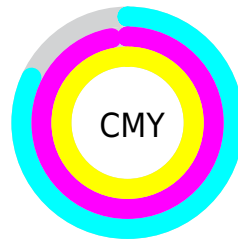


Cyan (0%)

Magenta (85%)

Yellow (100%)

Black (82%)



Cyan (82%)

Magenta (97%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F0700 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 2F0700 by changing the saturation by 10% instead.

 2F0700

 2F0700

 FFE8E2

 0F0000

 5F3330

 000000

 794A46

 94625E

 AF7B77

 CB9590

 E8B0AB

 FFCCC6

 2F0700

■ 2F0B05

■ 2F0F09

■ 2F130E

■ 2F1713

■ 2F1B18

■ 2F1F1C

■ 2F2321

■ 2F2726

■ 2F2B2A

Harmonies

Analogous

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



2E0517



2F0700



280E00

Triad

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



2F0700



001C00



001733

Complementary

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



2F0700



00282F

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.



001B2E



2F0700



001E14

Square

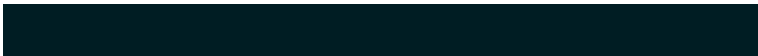
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



2F0700



0B1900



001D23



13112F

Rectangle

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



2F0700



211200



001D23



001932

Sweetspot

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



2F0700



3D2E2B



2F0029



1F1514



9E9E9E



1F1F1F

Same Dimension

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



2F0700



3D0900



2F1E00



171515



570D00



D62000

Inverse Universe

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



00282F



00343D



00112F



151717



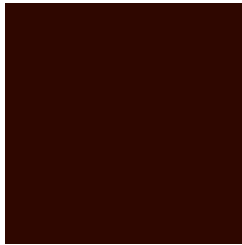
004A57



00B6D6

Previews

White Background



This preview shows how the Hex color 2F0700 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

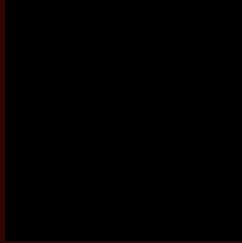
Any Text WCAG AA × Fail

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 2F0700 Background



This preview shows how black text looks on a background with the Hex color 2F0700.

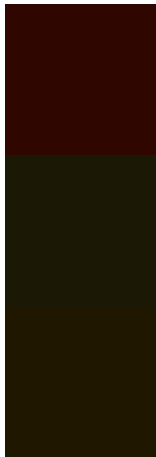


This preview shows how white text looks on a background with the Hex color 2F0700.

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](#).

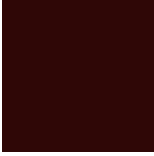
Dichromacy



Original Color
2F0700

Protanopia
1B1806

Deuteranopia
1F1700



Tritanopia
2F0706

Trichromacy



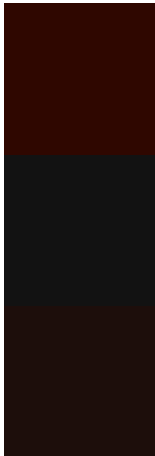
Original Color
2F0700

Protanomaly
221204

Deuteranomaly
251100

Tritanomaly
2F0704

Monochromacy



Original Color
2F0700

Achromatopsia
121212

Achromatomaly
1D0E0B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F0700 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 #2F0700 looks like.

```
.text, #text, p{  
    color:#2F0700  
}
```

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 #2F0700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F0700
}
```

Border

The CSS property to change the border of an element to Hex 2F0700 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
#2F0700 }
```

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

```
.border{ border-color:#2F0700 }
```

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

Here you see how a box with a 4 pixel #2F0700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F0700; -webkit-box-shadow:4px 4px  
4px 4px #2F0700; box-shadow:4px 4px 4px  
4px #2F0700 }
```

Background

The CSS property to change the background color of an element to Hex 2F0700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F0700 }
```

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

```
.background{ background-color:#2F0700 }
```

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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