

Converting Colors

Hex(2F0807)

Have a look what the booklet for
Hex(2F0807) contains.

Hex(2F0807)	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(2F0807)

Conversions

Conversions Part 1

Format	Color
Hex	2F0807
RGB	47, 8, 7
RGB Percent	18%, 3%, 3%
CMY	0.8157, 0.9686, 0.9725
CMYK	0.00, 0.83, 0.85, 0.82
HSL	2°, 74%, 11%
HSV	2°, 85%, 18%
XYZ	1.2975, 0.7933, 0.2858
YIQ	19.5470, 23.5650, 7.9570

Conversions

Conversions Part 2

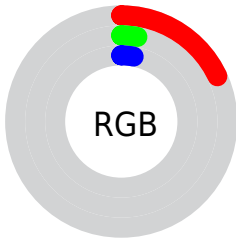
Format	Color
RYB	47, 8, 7
Decimal	3082247
CIELab	7.17, 19.64, 8.27
CIElCh	7, 21.312, 22.828
Yxy	0.7933, 0.5459, 0.3338
Android (android.graphics.Color)	4281272327 (0xFF2F0807)
YUV	19.5470, -6.1857, 24.0763
Hunter-Lab	8.9070, 10.4147, 4.3327

Details

The Hex color **2F0807** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **072E2F**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **5F3434**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2F0302**, and if you desaturate by 10%, it is **2F0D0C**.

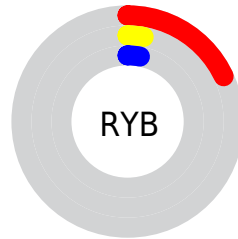
Distribution



Red (18%)

Green (3%)

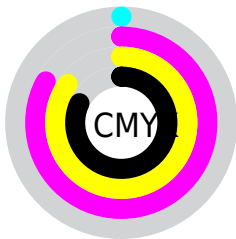
Blue (3%)



Red (18%)

Yellow (3%)

Blue (3%)

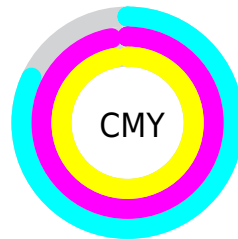


Cyan (0%)

Magenta (83%)

Yellow (85%)

Black (82%)



Cyan (82%)

Magenta (97%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F0807 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 2F0807 by changing the saturation by 10% instead.

 2F0807

 2F0807

 FFE9E8

 120000

 5F3434

 000000

 794B4B

 946363

 AF7C7C

 CB9695

 E8B1B0

 FFCDCD

 2F0807

 2F0807

■ 2F0302

■ 2F0D0C

■ 2F0100

■ 2F1110

■ 2F1615

■ 2F1A1A

■ 2F1F1F

■ 2F2323

■ 2F2828

■ 2F2D2D

■ 2F3131

Harmonies

Analogous

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



2D071A



2F0807



2A0E00

Triad

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



2F0807



001C00



001932

Complementary

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



2F0807



072E2F

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.



001C2C



2F0807



001E11

Square

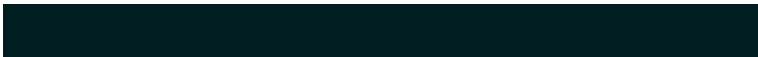
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



2F0807



111900



001E20



0F1430

Rectangle

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



2F0807



241200



001E20



001A31

Sweetspot

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



2F0807



3D2E2D



2F072E



1F1515



9E9E9E



1F1F1F

Same Dimension

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



2F0807



3D0200



2F1C07



171515



570200



D60500

Inverse Universe

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



072E2F



003C3D



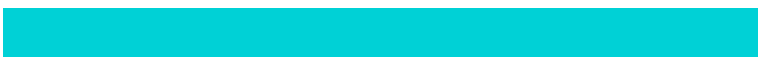
071A2F



151717



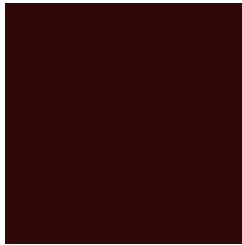
005557



00D1D6

Previews

White Background



This preview shows how the Hex color 2F0807 looks on a white background.

Color Contrast Check

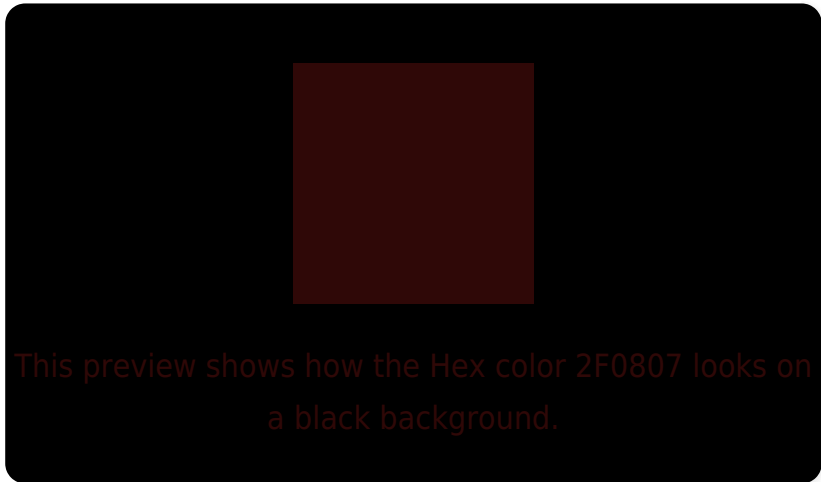
Large Text (above 18pt) WCAG AA ✓ Pass

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

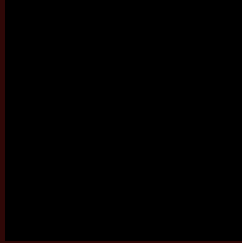
Any Text WCAG AA × Fail

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 2F0807 Background



This preview shows how black text looks on a background with the Hex color 2F0807.

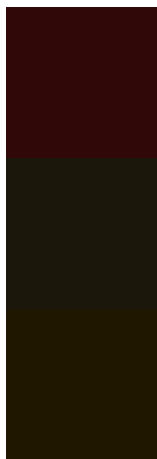


This preview shows how white text looks on a background with the Hex color 2F0807.

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](#).

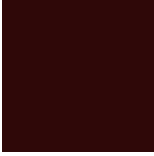
Dichromacy



Original Color
2F0807

Protanopia
1B180B

Deuteranopia
1F1700



Tritanopia
2F0808

Trichromacy



Original Color

2F0807

Protanomaly

22120A

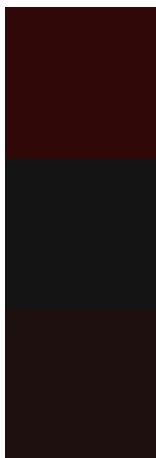
Deuteranomaly

251203

Tritanomaly

2F0808

Monochromacy



Original Color

2F0807

Achromatopsia

141414

Achromatomaly

1E100F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F0807 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 #2F0807 looks like.

```
.text, #text, p{  
    color:#2F0807  
}
```

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 #2F0807 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F0807
}
```

Border

The CSS property to change the border of an element to Hex 2F0807 is called "border". The border property can be set on classes, ids or directly on the HTML element.

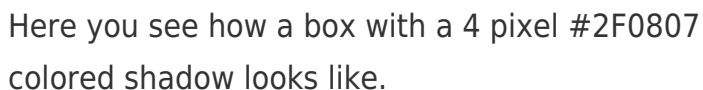
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F0807 }
```

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

```
.border{ border-color:#2F0807 }
```

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



Here you see how a box with a 4 pixel #2F0807 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F0807; -webkit-box-shadow:4px 4px  
4px 4px #2F0807; box-shadow:4px 4px 4px  
4px #2F0807 }
```

Background

The CSS property to change the background color of an element to Hex 2F0807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F0807 }
```

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

```
.background{ background-color:#2F0807 }
```

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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