

Converting Colors

Hex(2F090C)

Have a look what the booklet for
Hex(2F090C) contains.

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Color

Hex(2F090C)

Conversions

Conversions Part 1

Format	Color
Hex	2F090C
RGB	47, 9, 12
RGB Percent	18%, 4%, 5%
CMY	0.8157, 0.9647, 0.9529
CMYK	0.00, 0.81, 0.74, 0.82
HSL	355°, 68%, 11%
HSV	355°, 81%, 18%
XYZ	1.3363, 0.8263, 0.4369
YIQ	20.7040, 21.6850, 8.9890

Conversions

Conversions Part 2

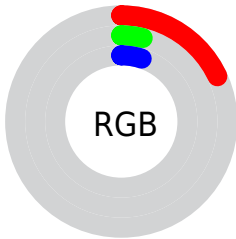
Format	Color
RYB	47, 9, 12
Decimal	3082508
CIELab	7.46, 19.54, 6.62
CIElCh	7, 20.633, 18.712
Yxy	0.8263, 0.5141, 0.3179
Android (android.graphics.Color)	4281272588 (0xFF2F090C)
YUV	20.7040, -4.2911, 23.0616
Hunter-Lab	9.0899, 10.3348, 3.5133

Details

The Hex color **2F090C** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **092F2C**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **5F3538**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2F0408**, and if you desaturate by 10%, it is **2F0E10**.

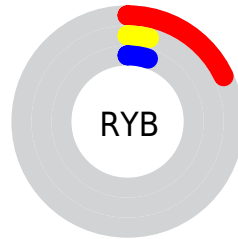
Distribution



Red (18%)

Green (4%)

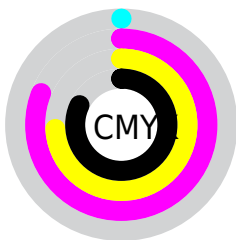
Blue (5%)



Red (18%)

Yellow (4%)

Blue (5%)

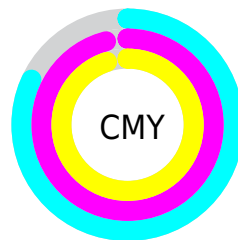


Cyan (0%)

Magenta (81%)

Yellow (74%)

Black (82%)



Cyan (82%)

Magenta (96%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F090C 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 2F090C by changing the saturation by 10% instead.

 2F090C

 2F090C

 FFEAEC

 140000

 5F3538

 000000

 794C4E

 946466

 AF7D7F

 CB9799

 E7B2B4

 FFCECF

 2F090C

 2F090C

■ 2F0408

■ 2F0E10

■ 2F0004

■ 2F1215

■ 2F1719

■ 2F1C1D

■ 2F2122

■ 2F2526

■ 2F2A2A

■ 2F2F2F

■ 2F3333

Harmonies

Analogous

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



2C091C



2F090C



2B0E00

Triad

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



2F090C



021C00



001A31

Complementary

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



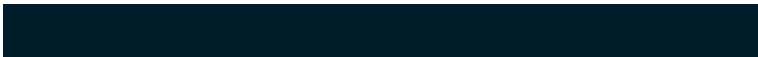
2F090C



092F2C

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.



001D2B



2F090C



001E10

Square

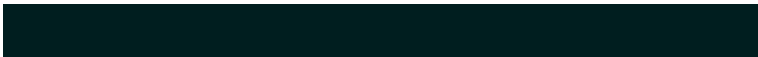
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



2F090C



151900



001E1F



0B1530

Rectangle

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



2F090C



251200



001E1F



001B30

Sweetspot

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



2F090C



3D2F30



2C092F



1F1616



9E9E9E



1F1F1F

Same Dimension

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



2F090C



3D0207



2F1909



171515



570007



D60011

Inverse Universe

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



2F090C



3D0207



091F2F



171515



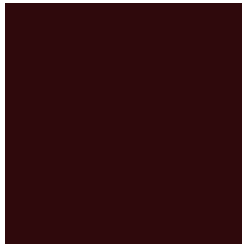
570007



D60011

Previews

White Background



This preview shows how the Hex color 2F090C looks on a white background.

Color Contrast Check

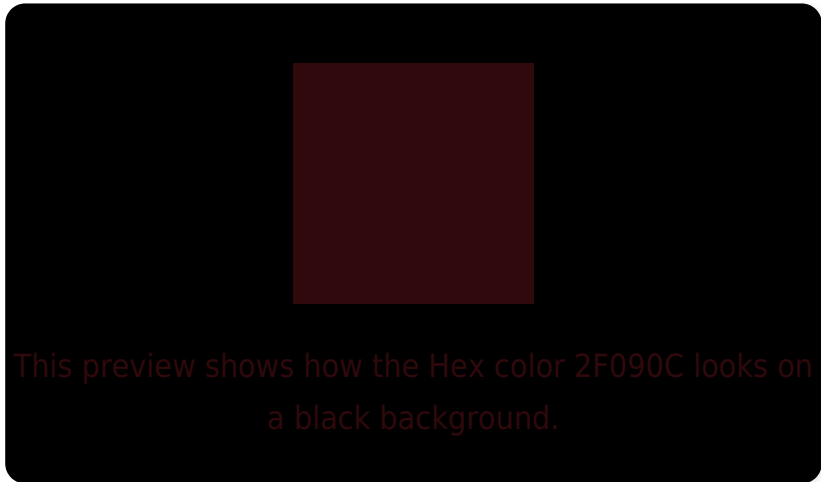
Large Text (above 18pt) WCAG AA ✓ Pass

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

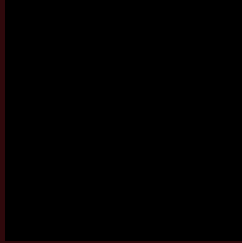
Any Text WCAG AA × Fail

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 2F090C Background



This preview shows how black text looks on a background with the Hex color 2F090C.

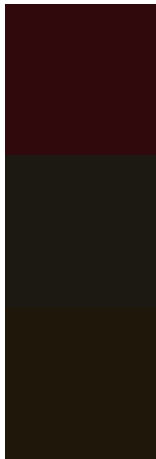


This preview shows how white text looks on a background with the Hex color 2F090C.

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](#).

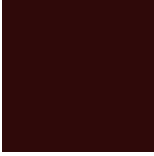
Dichromacy



Original Color
2F090C

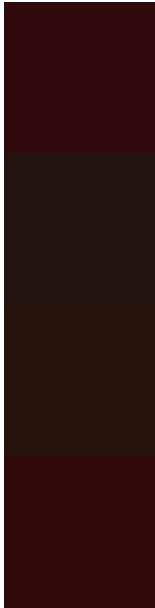
Protanopia
1B1911

Deuteranopia
1F180A



Tritanopia
2F0909

Trichromacy



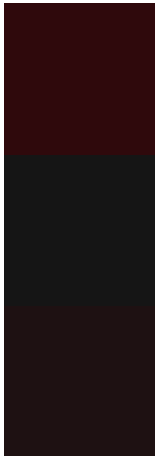
Original Color
2F090C

Protanomaly
22130F

Deuteranomaly
25130B

Tritanomaly
2F090A

Monochromacy



Original Color
2F090C

Achromatopsia
151515

Achromatomaly
1E1112

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F090C 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 #2F090C looks like.

```
.text, #text, p{  
    color:#2F090C  
}
```

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 #2F090C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F090C
}
```

Border

The CSS property to change the border of an element to Hex 2F090C is called "border". The border property can be set on classes, ids or directly on the HTML element.

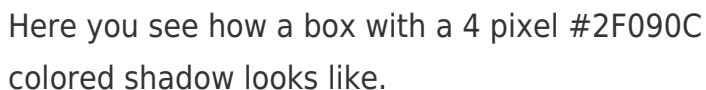
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F090C }
```

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

```
.border{ border-color:#2F090C }
```

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



Here you see how a box with a 4 pixel #2F090C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F090C; -webkit-box-shadow:4px 4px  
4px 4px #2F090C; box-shadow:4px 4px 4px  
4px #2F090C }
```

Background

The CSS property to change the background color of an element to Hex 2F090C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F090C }
```

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

```
.background{ background-color:#2F090C }
```

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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