

Converting Colors

Hex(2F0E10)

Have a look what the booklet for
Hex(2F0E10) contains.

Hex(2F0E10)	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(2F0E10)

Conversions

Conversions Part 1

Format	Color
Hex	2F0E10
RGB	47, 14, 16
RGB Percent	18%, 5%, 6%
CMY	0.8157, 0.9451, 0.9373
CMYK	0.00, 0.70, 0.66, 0.82
HSL	356°, 54%, 12%
HSV	356°, 70%, 18%
XYZ	1.4229, 0.9558, 0.5997
YIQ	24.0950, 19.0260, 7.6180

Conversions

Conversions Part 2

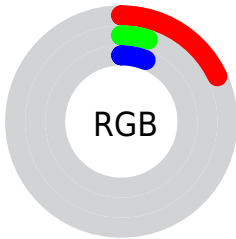
Format	Color
RYB	47, 14, 16
Decimal	3083792
CIELab	8.62, 17.12, 6.28
CIELCh	9, 18.233, 20.149
Yxy	0.9558, 0.4777, 0.3209
Android (android.graphics.Color)	4281273872 (0xFF2F0E10)
YUV	24.0950, -3.9908, 20.0877
Hunter-Lab	9.7766, 8.8691, 3.2067

Details

The Hex color **2F0E10** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0E2F2D**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **5F393A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2F090C**, and if you desaturate by 10%, it is **2F1314**.

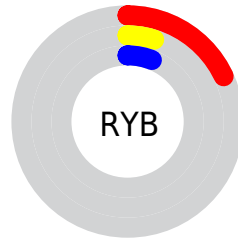
Distribution



 Red (18%)

 Green (5%)

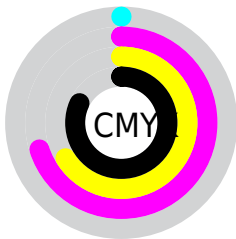
 Blue (6%)



 Red (18%)

 Yellow (5%)

 Blue (6%)

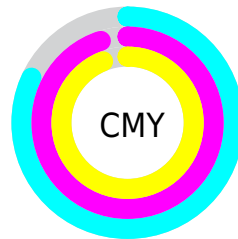


 Cyan (0%)

 Magenta (70%)

 Yellow (66%)

 Black (82%)



 Cyan (82%)

 Magenta (95%)

 Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F0E10 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 2F0E10 by changing the saturation by 10% instead.

 2F0E10

 2F0E10

 FFEFF0

 170000

 5F393A

 000000

 795051

 93696A

 AE8283

 CA9C9D

 E6B7B8

 FFD3D3

 2F0E10

 2F0E10

■ 2F090C

■ 2F1314

■ 2F0507

■ 2F1719

■ 2F0003

■ 2F1C1D

■ 2F2122

■ 2F2626

■ 2F2A2A

■ 2F2F2F

■ 2F3433

■ 2F3838

Harmonies

Analogous

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



2D0E1D



2F0E10



2C1200

Triad

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



2F0E10



081D02



001B31

Complementary

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



2F0E10



0E2F2D

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.



001E2B



2F0E10



001F14

Square

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



2F0E10



191A00



001F21



121730

Rectangle

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



2F0E10



271500



001F21



001C2F

Sweetspot

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



2F0E10



3D3031



2D0E2F



1F1717



9E9E9E



1F1F1F

Same Dimension

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



2F0E10



3D0A0D



2F1C0E



171515



570005



D6000D

Inverse Universe

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



2F0E10



3D0A0D



0E212F



171515



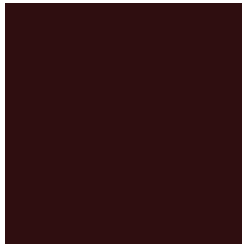
570005



D6000D

Previews

White Background



This preview shows how the Hex color 2F0E10 looks on a white background.

Color Contrast Check

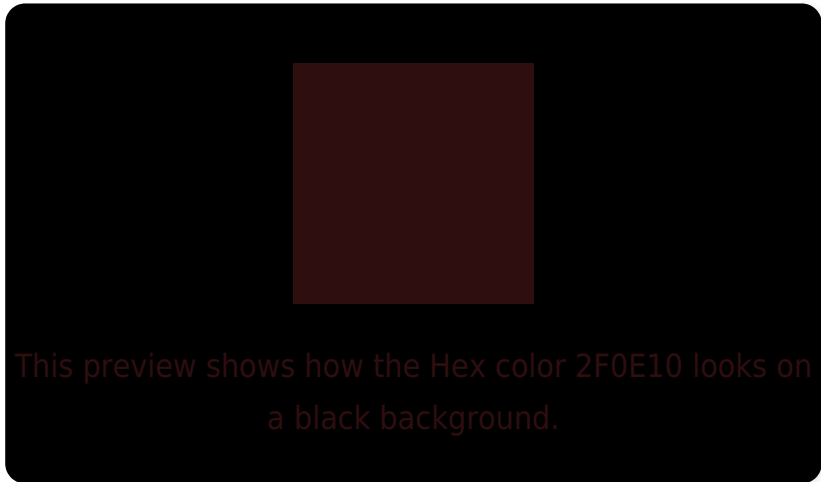
Large Text (above 18pt) WCAG AA ✓ Pass

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

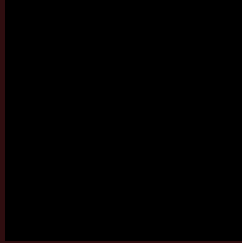
Any Text WCAG AA × Fail

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 2F0E10 Background



This preview shows how black text looks on a background with the Hex color 2F0E10.



This preview shows how white text looks on a background with the Hex color 2F0E10.

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](#).

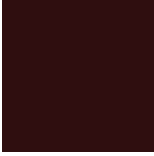
Dichromacy



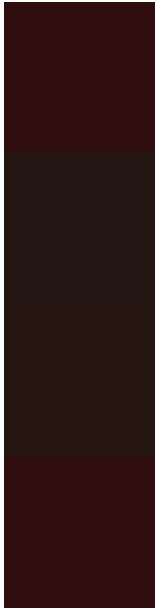
Original Color
2F0E10

Protanopia
1C1A15

Deuteranopia
20190E



Trichromacy



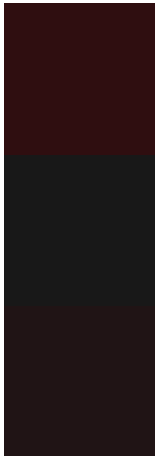
Original Color
2F0E10

Protanomaly
231613

Deuteranomaly
25150F

Tritanomaly
2F0E0F

Monochromacy



Original Color
2F0E10

Achromatopsia
181818

Achromatomaly
201415

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F0E10 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 #2F0E10 looks like.

```
.text, #text, p{  
    color:#2F0E10  
}
```

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 #2F0E10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F0E10
}
```

Border

The CSS property to change the border of an element to Hex 2F0E10 is called "border". The border property can be set on classes, ids or directly on the HTML element.

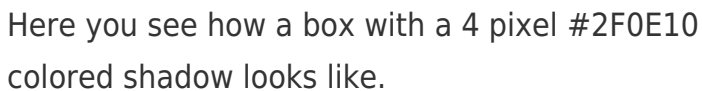
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F0E10 }
```

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

```
.border{ border-color:#2F0E10 }
```

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



Here you see how a box with a 4 pixel #2F0E10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F0E10; -webkit-box-shadow:4px 4px  
4px 4px #2F0E10; box-shadow:4px 4px 4px  
4px #2F0E10 }
```

Background

The CSS property to change the background color of an element to Hex 2F0E10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F0E10 }
```

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

```
.background{ background-color:#2F0E10 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor