

Converting Colors

Hex(2A0F12)

Have a look what the booklet for
Hex(2A0F12) contains.

Hex(2A0F12)	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(2A0F12)

Conversions

Conversions Part 1

Format	Color
Hex	2A0F12
RGB	42, 15, 18
RGB Percent	16%, 6%, 7%
CMY	0.8353, 0.9412, 0.9294
CMYK	0.00, 0.64, 0.57, 0.84
HSL	353°, 47%, 11%
HSV	353°, 64%, 16%
XYZ	1.2349, 0.8776, 0.6766
YIQ	23.4150, 15.1290, 6.6570

Conversions

Conversions Part 2

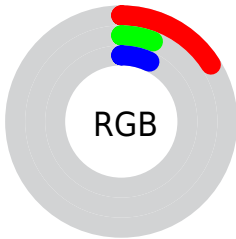
Format	Color
RYB	42, 15, 18
Decimal	2756370
CIELab	7.93, 14.41, 3.99
CIElCh	8, 14.951, 15.477
Yxy	0.8776, 0.4428, 0.3147
Android (android.graphics.Color)	4280946450 (0xFF2A0F12)
YUV	23.4150, -2.6696, 16.2990
Hunter-Lab	9.3678, 7.1359, 2.2754

Details

The Hex color **2A0F12** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0F2A27**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **593A3C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2A0B0E**, and if you desaturate by 10%, it is **2A1316**.

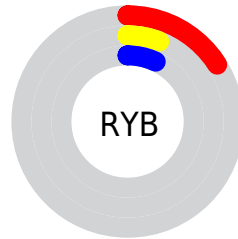
Distribution



Red (16%)

Green (6%)

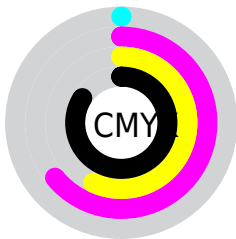
Blue (7%)



Red (16%)

Yellow (6%)

Blue (7%)

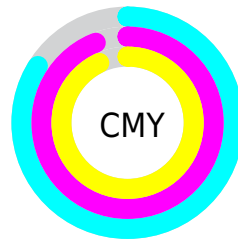


Cyan (0%)

Magenta (64%)

Yellow (57%)

Black (84%)



Cyan (84%)

Magenta (94%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A0F12 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 2A0F12 by changing the saturation by 10% instead.

 2A0F12

 2A0F12

 FFEFF2

 0E0000

 593A3C

 000000

 725153

 8C696C

 A78285

 C29C9F

 DEB7BA

 FBD3D5

 2A0F12

 2A0F12

■ 2A0B0E

■ 2A1316

■ 2A070B

■ 2A1719

■ 2A0207

■ 2A1C1D

■ 2A0005

■ 2A2021

■ 2A2425

■ 2A2828

■ 2A2C2C

■ 2A3130

■ 2A3534

Harmonies

Analogous

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



27101D



2A0F12



281103

Triad

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



2A0F12



0D1B03



001A2A

Complementary

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



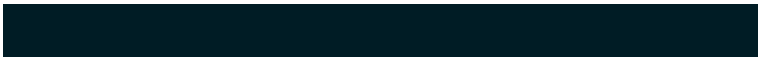
2A0F12



0F2A27

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.



001C25



2A0F12



001D11

Square

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



2A0F12



1A1800



001D1C



10172A

Rectangle

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



2A0F12



251400



001D1C



001B29

Sweetspot

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



2A0F12



362B2D



270F2A



1C1616



9C9C9C



1C1C1C

Same Dimension

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



2A0F12



360C11



2A190F



141213



540009



D40018

Inverse Universe

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



2A0F12



360C11



0F202A



141213



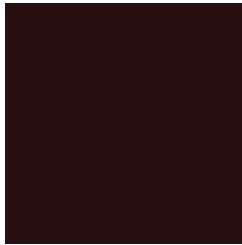
540009



D40018

Previews

White Background



This preview shows how the Hex color 2A0F12 looks on a white background.

Color Contrast Check

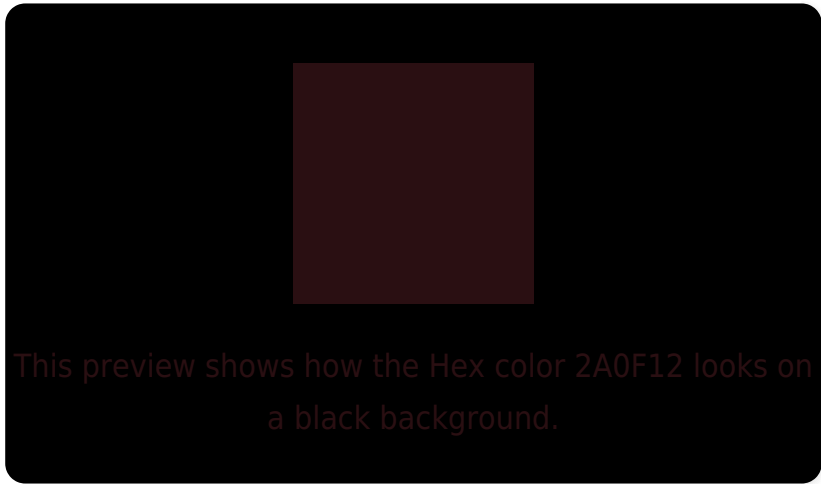
Large Text (above 18pt) WCAG AA ✓ Pass

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

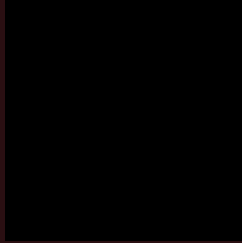
Any Text WCAG AA × Fail

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 2A0F12 Background



This preview shows how black text looks on a background with the Hex color 2A0F12.

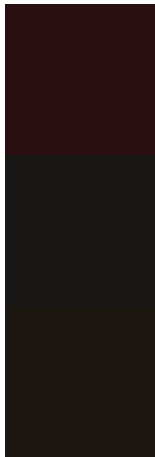


This preview shows how white text looks on a background with the Hex color 2A0F12.

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
2A0F12

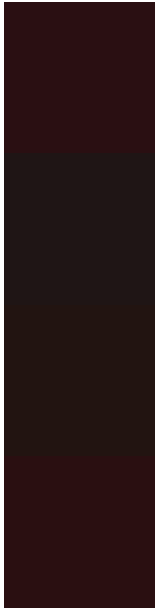
Protanopia
191816

Deuteranopia
1D1711



Tritanopia
2A0F10

Trichromacy



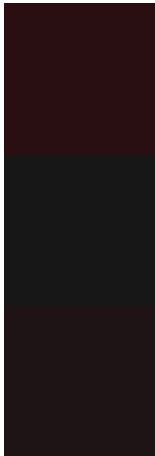
Original Color
2A0F12

Protanomaly
1F1515

Deuteranomaly
221411

Tritanomaly
2A0F11

Monochromacy



Original Color
2A0F12

Achromatopsia
171717

Achromatomaly
1E1415

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A0F12 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 #2A0F12 looks like.

```
.text, #text, p{  
    color:#2A0F12  
}
```

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 #2A0F12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A0F12
}
```

Border

The CSS property to change the border of an element to Hex 2A0F12 is called "border". The border property can be set on classes, ids or directly on the HTML element.

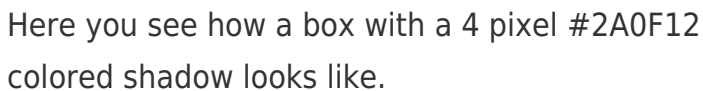
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A0F12 }
```

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

```
.border{ border-color:#2A0F12 }
```

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



Here you see how a box with a 4 pixel #2A0F12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A0F12; -webkit-box-shadow:4px 4px  
4px 4px #2A0F12; box-shadow:4px 4px 4px  
4px #2A0F12 }
```

Background

The CSS property to change the background color of an element to Hex 2A0F12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A0F12 }
```

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

```
.background{ background-color:#2A0F12 }
```

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