

Converting Colors

Hex(2B0B12)

Have a look what the booklet for
Hex(2B0B12) contains.

Hex(2B0B12)	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(2B0B12)

Conversions

Conversions Part 1

Format	Color
Hex	2B0B12
RGB	43, 11, 18
RGB Percent	17%, 4%, 7%
CMY	0.8314, 0.9569, 0.9294
CMYK	0.00, 0.74, 0.58, 0.83
HSL	347°, 59%, 11%
HSV	347°, 74%, 17%
XYZ	1.2251, 0.7966, 0.6615
YIQ	21.3660, 16.8250, 8.9610

Conversions

Conversions Part 2

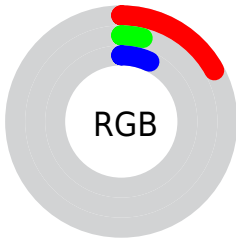
Format	Color
RYB	43, 11, 18
Decimal	2820882
CIELab	7.20, 17.25, 2.95
CIELCh	7, 17.501, 9.689
Yxy	0.7966, 0.4566, 0.2969
Android (android.graphics.Color)	4281010962 (0xFF2B0B12)
YUV	21.3660, -1.6594, 18.9730
Hunter-Lab	8.9253, 8.8822, 1.8537

Details

The Hex color **2B0B12** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0B2B24**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **5A363C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2B070F**, and if you desaturate by 10%, it is **2B0F15**.

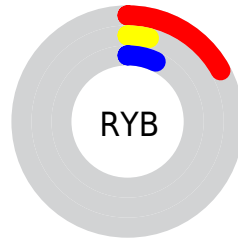
Distribution



Red (17%)

Green (4%)

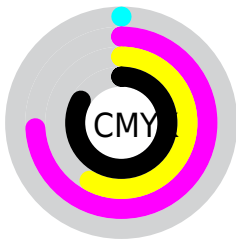
Blue (7%)



Red (17%)

Yellow (4%)

Blue (7%)

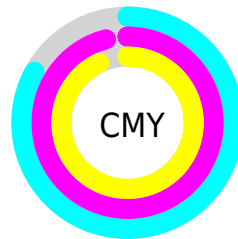


Cyan (0%)

Magenta (74%)

Yellow (58%)

Black (83%)



Cyan (83%)

Magenta (96%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B0B12 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 2B0B12 by changing the saturation by 10% instead.

 2B0B12

 2B0B12

 FFEBF2

 0D0000

 5A363C

 000000

 744D53

 8E656C

 A97E85

 C4999F

 E0B3BA

 FDCFD5

 2B0B12

 2B0B12

■ 2B070F

■ 2B0F15

■ 2B020B

■ 2B1419

■ 2B0009

■ 2B181C

■ 2B1C1F

■ 2B2123

■ 2B2526

■ 2B292A

■ 2B2D2D

■ 2B3230

Harmonies

Analogous

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



270D1E



2B0B12



2A0E00

Triad

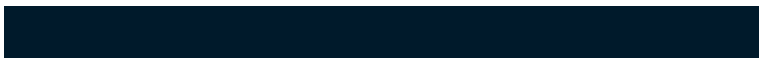
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2B0B12



0B1A00



001A2B

Complementary

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



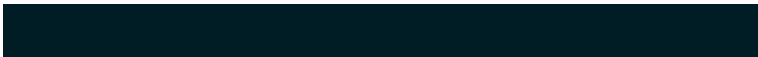
2B0B12



0B2B24

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.



001C24



2B0B12



001C0B

Square

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



2B0B12



191700



001D19



06162D

Rectangle

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



2B0B12



261100



001D19



001A2A

Sweetspot

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



2B0B12



382C2E



240B2B



1C1516



9C9C9C



1C1C1C

Same Dimension

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



2B0B12



380611



2B140B



141213



540012



D4002E

Inverse Universe

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



2B0B12



380611



0B222B



141213



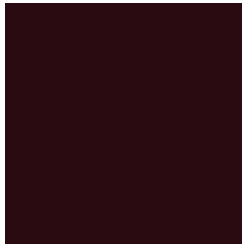
540012



D4002E

Previews

White Background



This preview shows how the Hex color 2B0B12 looks on a white background.

Color Contrast Check

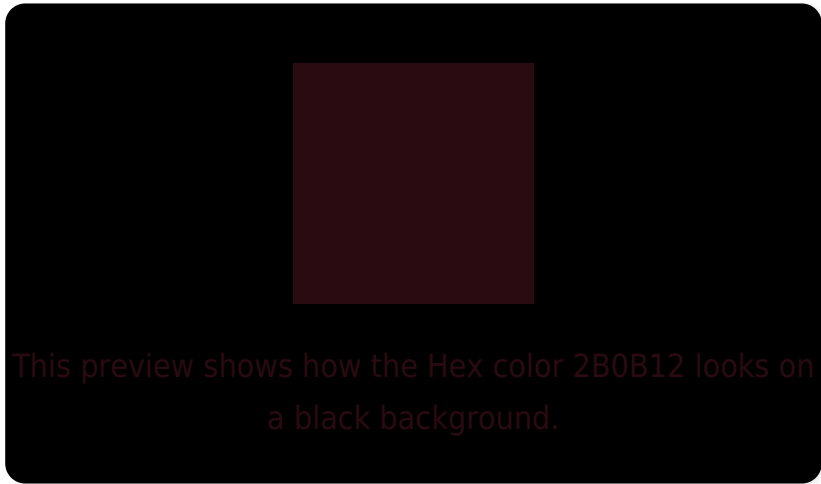
Large Text (above 18pt) WCAG AA ✓ Pass

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

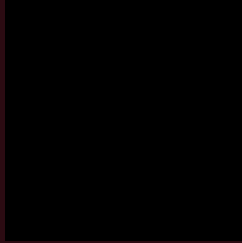
Any Text WCAG AA × Fail

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 2B0B12 Background



This preview shows how black text looks on a background with the Hex color 2B0B12.

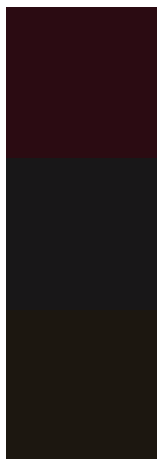


This preview shows how white text looks on a background with the Hex color 2B0B12.

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

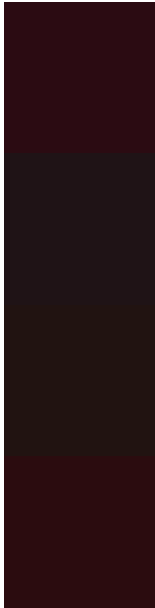


Original Color
2B0B12

Protanopia
181718

Deuteranopia
1C1710

Trichromacy



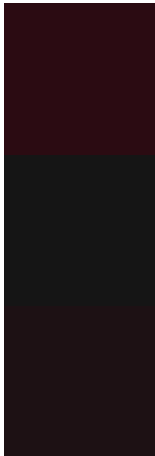
Original Color
2B0B12

Protanomaly
1F1316

Deuteranomaly
211311

Tritanomaly
2B0C0F

Monochromacy



Original Color
2B0B12

Achromatopsia
151515

Achromatomaly
1D1114

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B0B12 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 #2B0B12 looks like.

```
.text, #text, p{  
    color:#2B0B12  
}
```

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 #2B0B12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B0B12
}
```

Border

The CSS property to change the border of an element to Hex 2B0B12 is called "border". The border property can be set on classes, ids or directly on the HTML element.

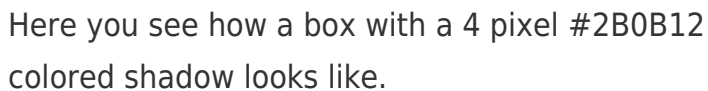
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2B0B12 }
```

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

```
.border{ border-color:#2B0B12 }
```

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



Here you see how a box with a 4 pixel #2B0B12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B0B12; -webkit-box-shadow:4px 4px  
4px 4px #2B0B12; box-shadow:4px 4px 4px  
4px #2B0B12 }
```

Background

The CSS property to change the background color of an element to Hex 2B0B12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B0B12 }
```

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

```
.background{ background-color:#2B0B12 }
```

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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