

Converting Colors

Hex(2D0B0C)

Have a look what the booklet for
Hex(2D0B0C) contains.

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Color

Hex(2D0B0C)

Conversions

Conversions Part 1

Format	Color
Hex	2D0B0C
RGB	45, 11, 12
RGB Percent	18%, 4%, 5%
CMY	0.8235, 0.9569, 0.9529
CMYK	0.00, 0.76, 0.73, 0.82
HSL	358°, 61%, 11%
HSV	358°, 76%, 18%
XYZ	1.2682, 0.8238, 0.4400
YIQ	21.2800, 19.9430, 7.5190

Conversions

Conversions Part 2

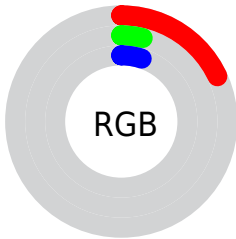
Format	Color
RYB	45, 11, 12
Decimal	2951948
CIELab	7.44, 17.55, 6.54
CIELCh	7, 18.730, 20.424
Yxy	0.8238, 0.5009, 0.3253
Android (android.graphics.Color)	4281142028 (0xFF2D0B0C)
YUV	21.2800, -4.5750, 20.8024
Hunter-Lab	9.0762, 9.0585, 3.4791

Details

The Hex color **2D0B0C** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0B2D2C**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **5D3638**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2D0608**, and if you desaturate by 10%, it is **2D0F10**.

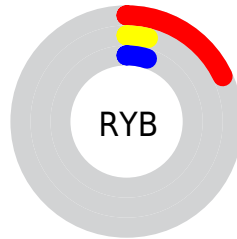
Distribution



Red (18%)

Green (4%)

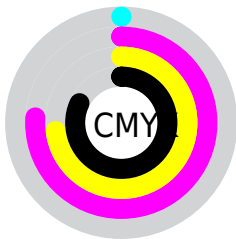
Blue (5%)



Red (18%)

Yellow (4%)

Blue (5%)

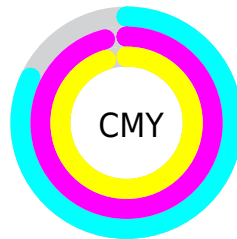


Cyan (0%)

Magenta (76%)

Yellow (73%)

Black (82%)



Cyan (82%)

Magenta (96%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D0B0C 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 2D0B0C by changing the saturation by 10% instead.

 2D0B0C

 2D0B0C

 FFECEC

 100000

 5D3638

 000000

 764D4E

 916566

 AC7F7F

 C89999

 E4B4B4

 FFCFCF

 2D0B0C

 2D0B0C

■ 2D0608

■ 2D0F10

■ 2D0203

■ 2D1415

■ 2D0001

■ 2D1819

■ 2D1D1D

■ 2D2122

■ 2D2626

■ 2D2B2B

■ 2D2F2F

■ 2D3433

Harmonies

Analogous

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



2B0B1B



2D0B0C



2A0F00

Triad

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



2D0B0C



031C00



00192F

Complementary

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



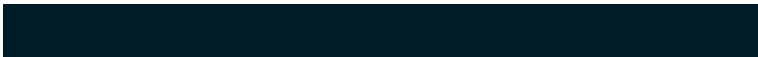
2D0B0C



0B2D2C

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.



001C29



2D0B0C



001D11

Square

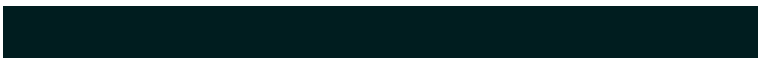
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



2D0B0C



151800



001D1F



0F152E

Rectangle

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



2D0B0C



241300



001D1F



001A2E

Sweetspot

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



2D0B0C



3B2D2E



2C0B2D



1F1616



9E9E9E



1F1F1F

Same Dimension

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



2D0B0C



3B0507



2D1B0B



171515



570003



D60006

Inverse Universe

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



2D0B0C



3B0507



0B1D2D



171515



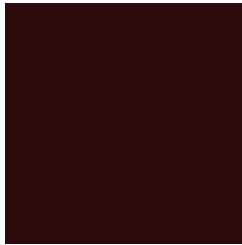
570003



D60006

Previews

White Background



This preview shows how the Hex color 2D0B0C looks on a white background.

Color Contrast Check

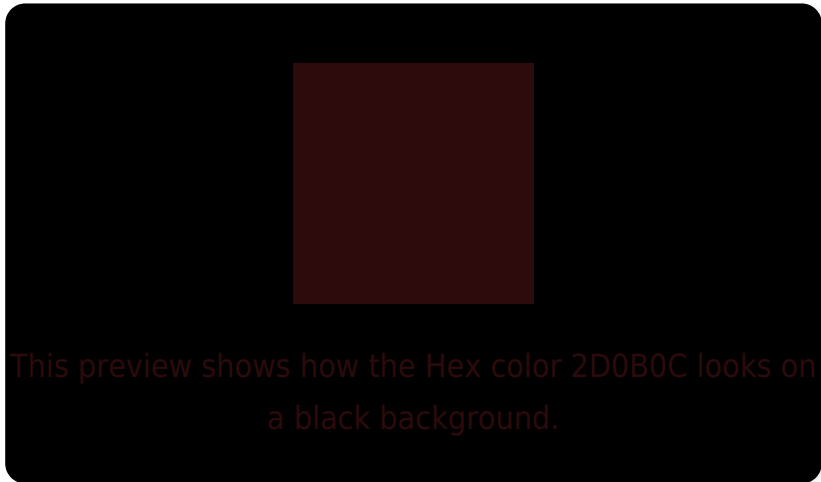
Large Text (above 18pt) WCAG AA ✓ Pass

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

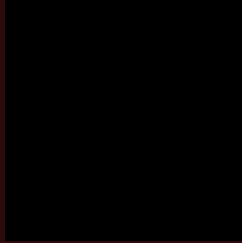
Any Text WCAG AA × Fail

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 2D0B0C Background



This preview shows how black text looks on a background with the Hex color 2D0B0C.



This preview shows how white text looks on a background with the Hex color 2D0B0C.

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](#).

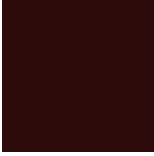
Dichromacy



Original Color
2D0B0C

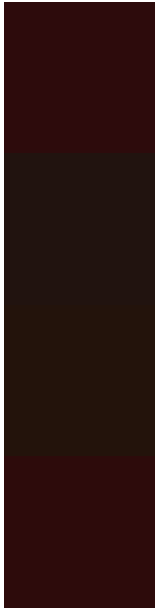
Protanopia
1A1810

Deuteranopia
1E170A



Tritanopia
2D0B0B

Trichromacy



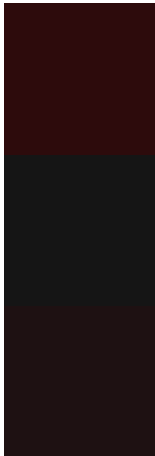
Original Color
2D0B0C

Protanomaly
21130F

Deuteranomaly
23130B

Tritanomaly
2D0B0B

Monochromacy



Original Color
2D0B0C

Achromatopsia
151515

Achromatomaly
1E1112

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D0B0C 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 #2D0B0C looks like.

```
.text, #text, p{  
    color:#2D0B0C  
}
```

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 #2D0B0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D0B0C
}
```

Border

The CSS property to change the border of an element to Hex 2D0B0C 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".

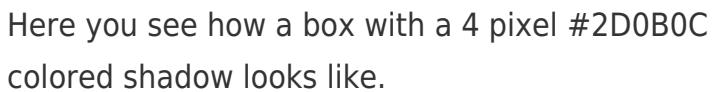
```
.border, #border, table{ border:4px solid
#2D0B0C }
```

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

```
.border{ border-color:#2D0B0C }
```

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

Here you see how a box with a 4 pixel #2D0B0C colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D0B0C; -webkit-box-shadow:4px 4px  
4px 4px #2D0B0C; box-shadow:4px 4px 4px  
4px #2D0B0C }
```

Background

The CSS property to change the background color of an element to Hex 2D0B0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D0B0C }
```

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

```
.background{ background-color:#2D0B0C }
```

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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