

Converting Colors

Hex(2A0D0C)

Have a look what the booklet for
Hex(2A0D0C) contains.

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Color

Hex(2A0D0C)

Conversions

Conversions Part 1

Format	Color
Hex	2A0D0C
RGB	42, 13, 12
RGB Percent	16%, 5%, 5%
CMY	0.8353, 0.9490, 0.9529
CMYK	0.00, 0.69, 0.71, 0.84
HSL	2°, 56%, 11%
HSV	2°, 71%, 16%
XYZ	1.1651, 0.8066, 0.4421
YIQ	21.5570, 17.6050, 5.8370

Conversions

Conversions Part 2

Format	Color
RYB	42, 13, 12
Decimal	2755852
CIELab	7.29, 14.92, 6.24
CIELCh	7, 16.168, 22.698
Yxy	0.8066, 0.4827, 0.3342
Android (android.graphics.Color)	4280945932 (0xFF2A0D0C)
YUV	21.5570, -4.7116, 17.9285
Hunter-Lab	8.9813, 7.4394, 3.3683

Details

The Hex color **2A0D0C** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0C292A**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **593838**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2A0908**, and if you desaturate by 10%, it is **2A1110**.

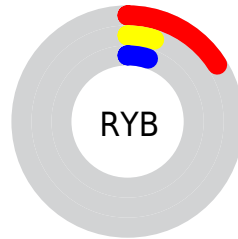
Distribution



Red (16%)

Green (5%)

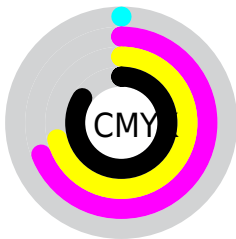
Blue (5%)



Red (16%)

Yellow (5%)

Blue (5%)

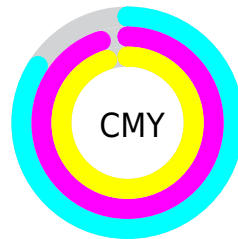


Cyan (0%)

Magenta (69%)

Yellow (71%)

Black (84%)



Cyan (84%)

Magenta (95%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A0D0C 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 2A0D0C by changing the saturation by 10% instead.

 2A0D0C

 2A0D0C

 FFEDEC

 080000

 593838

 000000

 724F4E

 8C6766

 A7807F

 C39A99

 DFB5B4

 FCD1CF

 2A0D0C

 2A0D0C

■ 2A0908

■ 2A1110

■ 2A0504

■ 2A1514

■ 2A0100

■ 2A1919

■ 2A1D1D

■ 2A2121

■ 2A2525

■ 2A2929

■ 2A2D2E

■ 2A3232

Harmonies

Analogous

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



280D19



2A0D0C



271000

Triad

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



2A0D0C



041B02



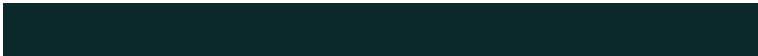
00182B

Complementary

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



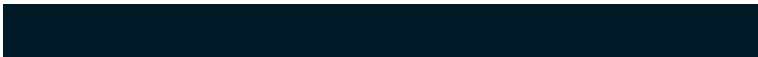
2A0D0C



0C292A

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.



001B27



2A0D0C



001C13

Square

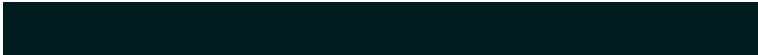
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



2A0D0C



151800



001C1E



12142A

Rectangle

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



2A0D0C



221300



001C1E



00192A

Sweetspot

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



2A0D0C



362B2A



2A0C29



1C1515



9C9C9C



1C1C1C

Same Dimension

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



2A0D0C



360907



2A1C0C



141212



540300



D40700

Inverse Universe

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



0C292A



073436



0C1A2A



121414



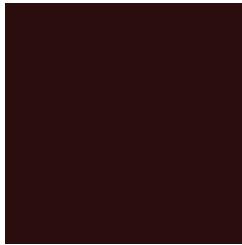
005154



00CDD4

Previews

White Background



This preview shows how the Hex color 2A0D0C looks on a white background.

Color Contrast Check

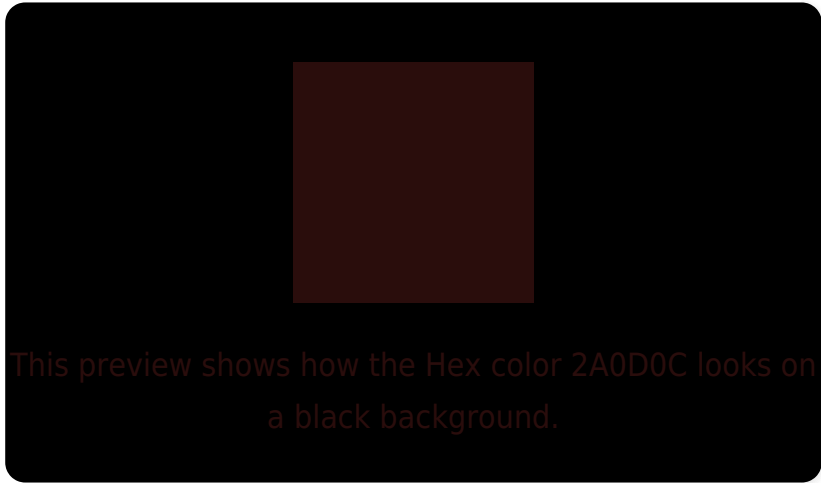
Large Text (above 18pt) WCAG AA ✓ Pass

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

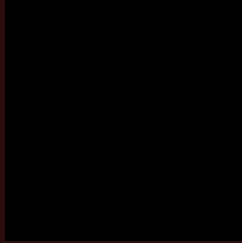
Any Text WCAG AA × Fail

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 2A0D0C Background



This preview shows how black text looks on a background with the Hex color 2A0D0C.



This preview shows how white text looks on a background with the Hex color 2A0D0C.

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

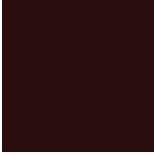
2A0D0C

Protanopia

1A1810

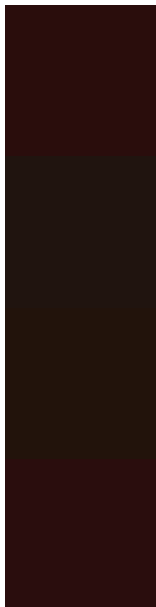
Deuteranopia

1D160A



Tritanopia
2A0D0D

Trichromacy



Original Color

2A0D0C

Protanomaly

20140F

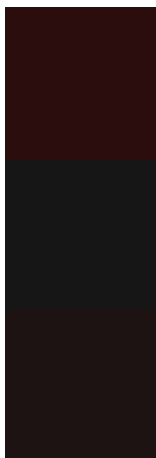
Deuteranomaly

22130B

Tritanomaly

2A0D0D

Monochromacy



Original Color

2A0D0C

Achromatopsia

161616

Achromatomaly

1D1312

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A0D0C 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 #2A0D0C looks like.

```
.text, #text, p{  
    color:#2A0D0C  
}
```

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 #2A0D0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A0D0C
}
```

Border

The CSS property to change the border of an element to Hex 2A0D0C is called "border". The border property can be set on classes, ids or directly on the HTML element.

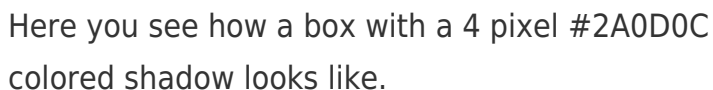
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A0D0C }
```

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

```
.border{ border-color:#2A0D0C }
```

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



Here you see how a box with a 4 pixel #2A0D0C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A0D0C; -webkit-box-shadow:4px 4px  
4px 4px #2A0D0C; box-shadow:4px 4px 4px  
4px #2A0D0C }
```

Background

The CSS property to change the background color of an element to Hex 2A0D0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A0D0C }
```

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

```
.background{ background-color:#2A0D0C }
```

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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