

Converting Colors

Hex(2B1C0A)

Have a look what the booklet for
Hex(2B1C0A) contains.

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Color

Hex(2B1C0A)

Conversions

Conversions Part 1

Format	Color
Hex	2B1C0A
RGB	43, 28, 10
RGB Percent	17%, 11%, 4%
CMY	0.8314, 0.8902, 0.9608
CMYK	0.00, 0.35, 0.77, 0.83
HSL	33°, 62%, 10%
HSV	33°, 77%, 17%
XYZ	1.4663, 1.3660, 0.4735
YIQ	30.4330, 14.7180, -2.4180

Conversions

Conversions Part 2

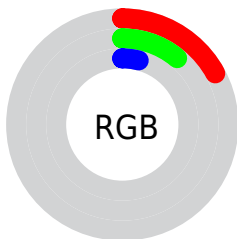
Format	Color
RYB	38, 43, 10
Decimal	2825226
CIELab	11.73, 4.95, 13.45
CIELCh	12, 14.331, 69.810
Yxy	1.3660, 0.4435, 0.4132
Android (android.graphics.Color)	4281015306 (0xFF2B1C0A)
YUV	30.4330, -10.0735, 11.0213
Hunter-Lab	11.6877, 1.9407, 5.7791

Details

The Hex color **2B1C0A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **0A192B**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **5A4736**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2B1A06**, and if you desaturate by 10%, it is **2B1E0E**.

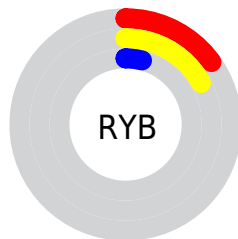
Distribution



Red (17%)

Green (11%)

Blue (4%)



Red (15%)

Yellow (17%)

Blue (4%)

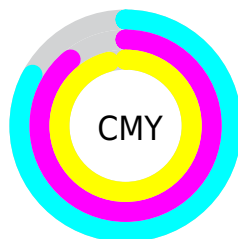


Cyan (0%)

Magenta (35%)

Yellow (77%)

Black (83%)



Cyan (83%)

Magenta (89%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B1C0A 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 2B1C0A by changing the saturation by 10% instead.

 2B1C0A

 2B1C0A

 FFFFEA

 140200

 5A4736

 000000

 735F4D

 8C7865

 A7917E

 C3AC98

 DFC7B2

 FBE3CE

 2B1C0A

 2B1C0A

■ 2B1A06

■ 2B1E0E

■ 2B1801

■ 2B2013

■ 2B1700

■ 2B2217

■ 2B241B

■ 2B2620

■ 2B2824

■ 2B2A28

■ 2B2C2C

■ 2B2E31

Harmonies

Analogous

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



301913



2B1C0A



231F08

Triad

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



2B1C0A



002422



241B2E

Complementary

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



2B1C0A



0A192B

Split Complementary

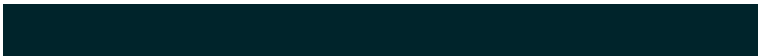
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



151F32



2B1C0A



00242B

Square

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



2B1C0A



0A2418



022231



2E1826

Rectangle

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



2B1C0A



1B210C



022231



201C30

Sweetspot

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



2B1C0A



38322B



2B0A19



1C1814



9C9C9C



1C1C1C

Same Dimension

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



2B1C0A



382104



2A2B0A



141312



542E00



D47300

Inverse Universe

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



0A192B



041C38



0B0A2B



121314



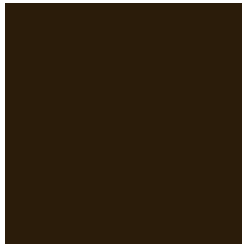
002654



0060D4

Previews

White Background



This preview shows how the Hex color 2B1C0A 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

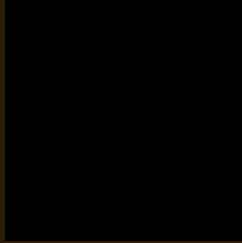
Any Text WCAG AA × Fail

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 2B1C0A Background



This preview shows how black text looks on a background with the Hex color 2B1C0A.

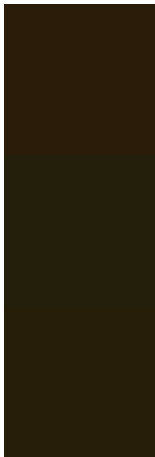


This preview shows how white text looks on a background with the Hex color 2B1C0A.

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

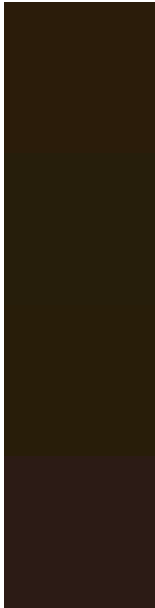


Original Color
2B1C0A

Protanopia
231F0B

Deuteranopia
271E09

Trichromacy



Original Color
2B1C0A

Protanomaly
261E0B

Deuteranomaly
281D09

Tritanomaly
2C1B15

Monochromacy



Original Color
2B1C0A

Achromatopsia
1E1E1E

Achromatomaly
231D17

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B1C0A 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 #2B1C0A looks like.

```
.text, #text, p{  
    color:#2B1C0A  
}
```

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 #2B1C0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B1C0A
}
```

Border

The CSS property to change the border of an element to Hex 2B1C0A 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".

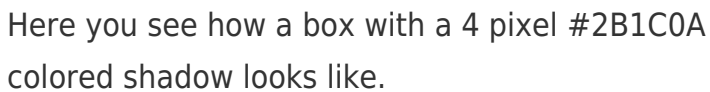
```
.border, #border, table{ border:4px solid
#2B1C0A }
```

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

```
.border{ border-color:#2B1C0A }
```

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

Here you see how a box with a 4 pixel #2B1C0A colored shadow looks like.

A rectangular box with a dark brown border and a dark brown shadow. The shadow is cast to the right and bottom of the box, giving it a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #2B1C0A colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B1C0A; -webkit-box-shadow:4px 4px  
4px 4px #2B1C0A; box-shadow:4px 4px 4px  
4px #2B1C0A }
```

Background

The CSS property to change the background color of an element to Hex 2B1C0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B1C0A }
```

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

```
.background{ background-color:#2B1C0A }
```

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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