

Converting Colors

Hex(2C1B12)

Have a look what the booklet for
Hex(2C1B12) contains.

Hex(2C1B12)	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(2C1B12)

Conversions

Conversions Part 1

Format	Color
Hex	2C1B12
RGB	44, 27, 18
RGB Percent	17%, 11%, 7%
CMY	0.8275, 0.8941, 0.9294
CMYK	0.00, 0.39, 0.59, 0.83
HSL	21°, 42%, 12%
HSV	21°, 59%, 17%
XYZ	1.5398, 1.3630, 0.7542
YIQ	31.0570, 13.0210, 0.8050

Conversions

Conversions Part 2

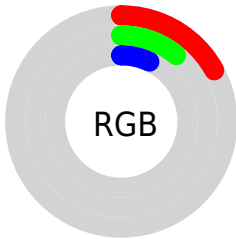
Format	Color
RYB	44, 32, 18
Decimal	2890514
CIELab	11.71, 7.08, 9.40
CIElCh	12, 11.769, 53.015
Yxy	1.3630, 0.4211, 0.3727
Android (android.graphics.Color)	4281080594 (0xFF2C1B12)
YUV	31.0570, -6.4371, 11.3510
Hunter-Lab	11.6748, 3.1119, 4.3422

Details

The Hex color **2C1B12** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **12232C**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **5B463C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2C180E**, and if you desaturate by 10%, it is **2C1E16**.

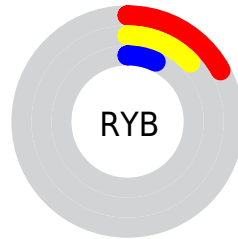
Distribution



Red (17%)

Green (11%)

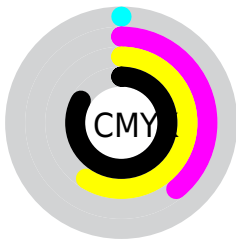
Blue (7%)



Red (17%)

Yellow (13%)

Blue (7%)

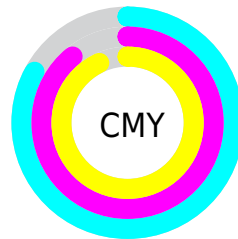


Cyan (0%)

Magenta (39%)

Yellow (59%)

Black (83%)



Cyan (83%)

Magenta (89%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C1B12 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 2C1B12 by changing the saturation by 10% instead.

■ 2C1B12

■ 2C1B12

■ FFFFF2

■ 170000

■ 5B463C

■ 000000

■ 745E53

■ 8E776C

■ A89085

■ C4AB9F

■ E0C6BA

■ FCE2D6

■ 2C1B12

■ 2C1B12

■ 2C180E

■ 2C1E16

■ 2C1509

■ 2C211B

■ 2C1205

■ 2C241F

■ 2C0F00

■ 2C2724

■ 2C2928

■ 2C2C2C

■ 2C2F31

■ 2C3235

■ 2C353A

Harmonies

Analogous

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



2F1919



2C1B12



261E0E

Triad

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



2C1B12



0A231D



1D1E2E

Complementary

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



2C1B12



12232C

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.



10202F



2C1B12



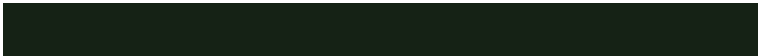
032325

Square

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



2C1B12



152215



04222C



271B29

Rectangle

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



2C1B12



21200E



04222C



191E2F

Sweetspot

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



2C1B12



38312E



2C1223



1C1816



9C9C9C



1C1C1C

Same Dimension

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



2C1B12



381E10



2C2812



171515



571E00



D64A00

Inverse Universe

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



12232C



102A38



12162C



151617



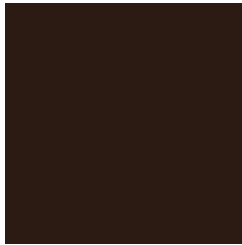
003957



008CD6

Previews

White Background



This preview shows how the Hex color 2C1B12 looks on a white background.

Color Contrast Check

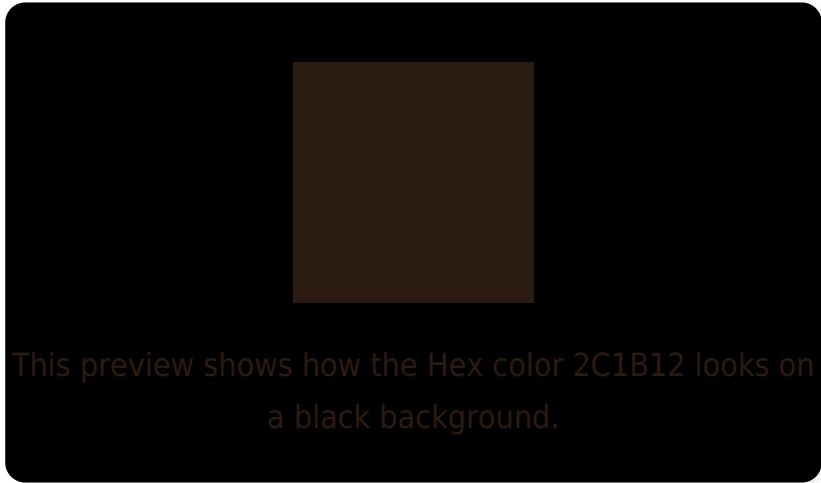
Large Text (above 18pt) WCAG AA ✓ Pass

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

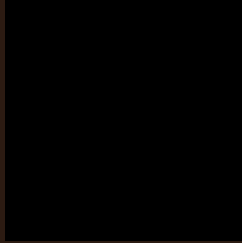
Any Text WCAG AA × Fail

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 2C1B12 Background



This preview shows how black text looks on a background with the Hex color 2C1B12.

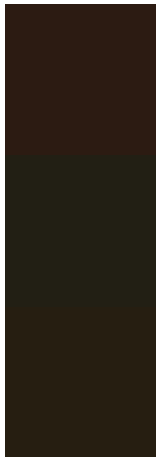


This preview shows how white text looks on a background with the Hex color 2C1B12.

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

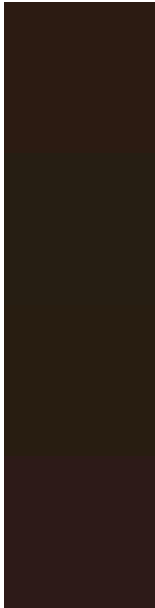


Original Color
2C1B12

Protanopia
221F14

Deuteranopia
261E11

Trichromacy



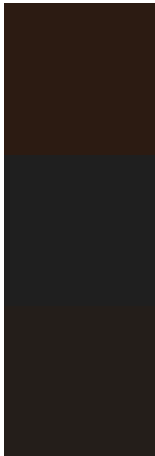
Original Color
2C1B12

Protanomaly
261E13

Deuteranomaly
281D11

Tritanomaly
2D1A18

Monochromacy



Original Color
2C1B12

Achromatopsia
1F1F1F

Achromatomaly
241E1A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C1B12 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 #2C1B12 looks like.

```
.text, #text, p{  
    color:#2C1B12  
}
```

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 #2C1B12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C1B12
}
```

Border

The CSS property to change the border of an element to Hex 2C1B12 is called "border". The border property can be set on classes, ids or directly on the HTML element.

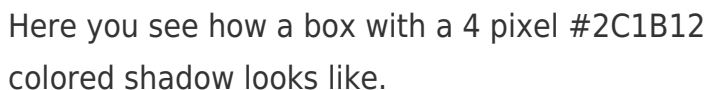
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2C1B12 }
```

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

```
.border{ border-color:#2C1B12 }
```

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



Here you see how a box with a 4 pixel #2C1B12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C1B12; -webkit-box-shadow:4px 4px  
4px 4px #2C1B12; box-shadow:4px 4px 4px  
4px #2C1B12 }
```

Background

The CSS property to change the background color of an element to Hex 2C1B12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C1B12 }
```

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

```
.background{ background-color:#2C1B12 }
```

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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