

Converting Colors

Hex(2C1B13)

Have a look what the booklet for
Hex(2C1B13) contains.

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Color

Hex(2C1B13)

Conversions

Conversions Part 1

Format	Color
Hex	2C1B13
RGB	44, 27, 19
RGB Percent	17%, 11%, 7%
CMY	0.8275, 0.8941, 0.9255
CMYK	0.00, 0.39, 0.57, 0.83
HSL	19°, 40%, 12%
HSV	19°, 57%, 17%
XYZ	1.5482, 1.3664, 0.7982
YIQ	31.1710, 12.7000, 1.1160

Conversions

Conversions Part 2

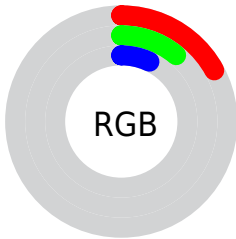
Format	Color
RYB	44, 31, 19
Decimal	2890515
CIELab	11.73, 7.21, 8.81
CIELCh	12, 11.385, 50.699
Yxy	1.3664, 0.4170, 0.3680
Android (android.graphics.Color)	4281080595 (0xFF2C1B13)
YUV	31.1710, -6.0003, 11.2510
Hunter-Lab	11.6891, 3.1857, 4.1336

Details

The Hex color **2C1B13** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **13242C**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **5B463D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2C180F**, and if you desaturate by 10%, it is **2C1E17**.

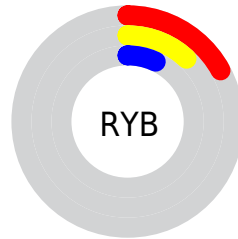
Distribution



Red (17%)

Green (11%)

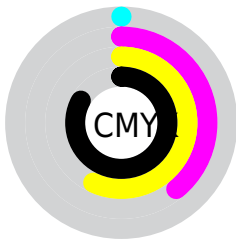
Blue (7%)



Red (17%)

Yellow (12%)

Blue (7%)

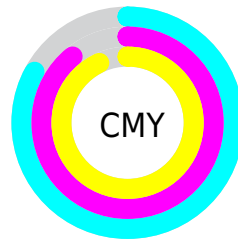


Cyan (0%)

Magenta (39%)

Yellow (57%)

Black (83%)



Cyan (83%)

Magenta (89%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C1B13 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 2C1B13 by changing the saturation by 10% instead.

■ 2C1B13

■ 2C1B13

■ FFFFF3

■ 170000

■ 5B463D

■ 000000

■ 745E54

■ 8D776D

■ A89086

■ C4ABA0

■ E0C6BB

■ FCE2D7

■ 2C1B13

■ 2C1B13

■ 2C180F

■ 2C1E17

■ 2C150A

■ 2C211C

■ 2C1206

■ 2C2420

■ 2C0F01

■ 2C2725

■ 2C0E00

■ 2C2A29

■ 2C2D2D

■ 2C3032

■ 2C3336

■ 2C363B

Harmonies

Analogous

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



2E191A



2C1B13



271E0F

Triad

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



2C1B13



0C231C



1C1E2D

Complementary

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



2C1B13



13242C

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.



10202E



2C1B13



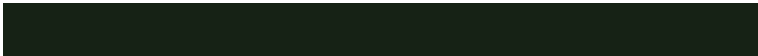
042324

Square

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



2C1B13



162215



05222B



261B29

Rectangle

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



2C1B13



221F0E



05222B



181F2E

Sweetspot

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



2C1B13



38322F



2C1324



1C1816



9C9C9C



1C1C1C

Same Dimension

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



2C1B13



381E12



2C2713



171515



571C00



D64500

Inverse Universe

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



13242C



122C38



13182C



151617



003B57



0092D6

Previews

White Background



This preview shows how the Hex color 2C1B13 looks on a white background.

Color Contrast Check

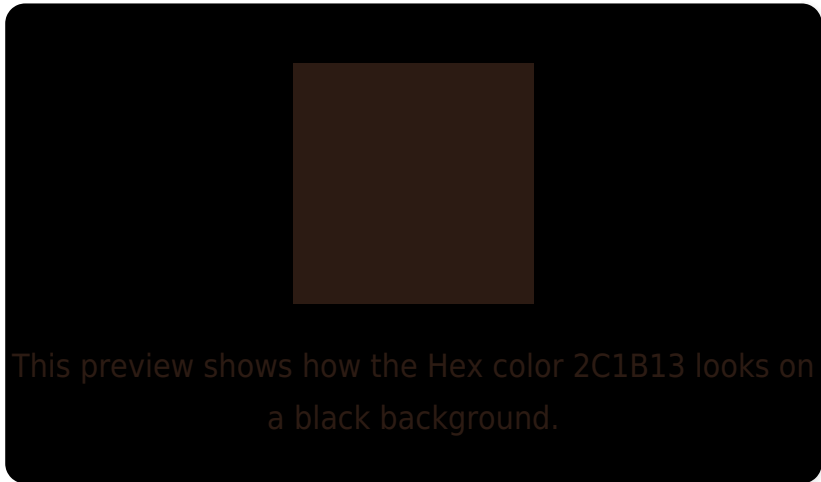
Large Text (above 18pt) WCAG AA ✓ Pass

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

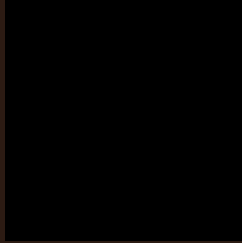
Any Text WCAG AA × Fail

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 2C1B13 Background



This preview shows how black text looks on a background with the Hex color 2C1B13.



This preview shows how white text looks on a background with the Hex color 2C1B13.

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

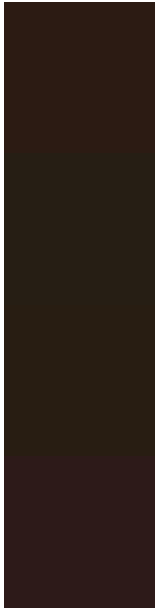


Original Color
2C1B13

Protanopia
221F15

Deuteranopia
261E12

Trichromacy



Original Color
2C1B13

Protanomaly
261E14

Deuteranomaly
281D12

Tritanomaly
2D1A19

Monochromacy



Original Color
2C1B13

Achromatopsia
1F1F1F

Achromatomaly
241E1B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C1B13 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 #2C1B13 looks like.

```
.text, #text, p{  
    color:#2C1B13  
}
```

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 #2C1B13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C1B13
}
```

Border

The CSS property to change the border of an element to Hex 2C1B13 is called "border". The border property can be set on classes, ids or directly on the HTML element.

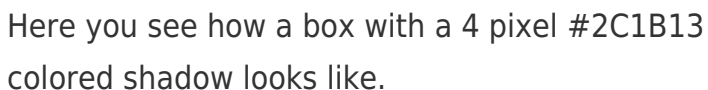
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2C1B13 }
```

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

```
.border{ border-color:#2C1B13 }
```

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



Here you see how a box with a 4 pixel #2C1B13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C1B13; -webkit-box-shadow:4px 4px  
4px 4px #2C1B13; box-shadow:4px 4px 4px  
4px #2C1B13 }
```

Background

The CSS property to change the background color of an element to Hex 2C1B13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C1B13 }
```

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

```
.background{ background-color:#2C1B13 }
```

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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