

Converting Colors

Hex(2C1D02)

Have a look what the booklet for
Hex(2C1D02) contains.

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Color

Hex(2C1D02)

Conversions

Conversions Part 1

Format	Color
Hex	2C1D02
RGB	44, 29, 2
RGB Percent	17%, 11%, 1%
CMY	0.8275, 0.8863, 0.9922
CMYK	0.00, 0.34, 0.95, 0.83
HSL	39°, 91%, 9%
HSV	39°, 95%, 17%
XYZ	1.4890, 1.4186, 0.2528
YIQ	30.4070, 17.6070, -5.2170

Conversions

Conversions Part 2

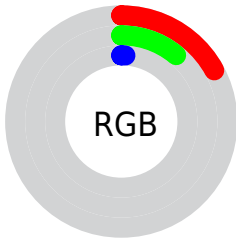
Format	Color
RYB	25, 44, 2
Decimal	2891010
CIELab	12.08, 4.07, 17.21
CIElCh	12, 17.689, 76.691
Yxy	1.4186, 0.4712, 0.4489
Android (android.graphics.Color)	4281081090 (0xFF2C1D02)
YUV	30.4070, -14.0047, 11.9211
Hunter-Lab	11.9104, 1.4726, 7.0790

Details

The Hex color **2C1D02** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **02112C**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **5B4831**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2C1C00**, and if you desaturate by 10%, it is **2C1F06**.

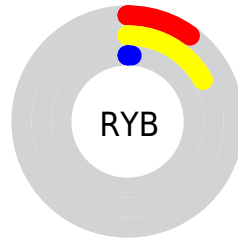
Distribution



Red (17%)

Green (11%)

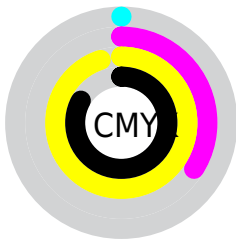
Blue (1%)



Red (10%)

Yellow (17%)

Blue (1%)

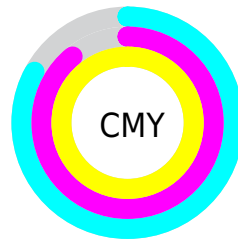


Cyan (0%)

Magenta (34%)

Yellow (95%)

Black (83%)



Cyan (83%)

Magenta (89%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C1D02 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 2C1D02 by changing the saturation by 10% instead.

 2C1D02

 2C1D02

 FFFFE4

 140400

 5B4831

 000000

 746047

 8E795F

 A99378

 C4AD92

 E0C8AC

 FDE5C8

 2C1D02

 2C1D02

■ 2C1C00

■ 2C1F06

■ 2C200B

■ 2C220F

■ 2C2314

■ 2C2518

■ 2C261C

■ 2C2821

■ 2C2A25

■ 2C2B2A

Harmonies

Analogous

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



33190D



2C1D02



212102

Triad

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



2C1D02



002626



291A30

Complementary

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



2C1D02



02112C

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.



171F37



2C1D02



002531

Square

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



2C1D02



00251A



002337



331626

Rectangle

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



2C1D02



182309



002337



241B33

Sweetspot

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



2C1D02



383228



2C0211



1C1912



9C9C9C



1C1C1C

Same Dimension

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



2C1D02



382400



262C02



171615



573800



D68A00

Inverse Universe

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



02112C



001438



08022C



151517



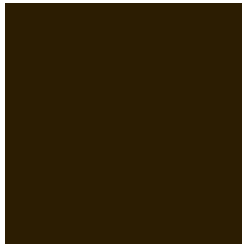
001F57



004CD6

Previews

White Background



This preview shows how the Hex color 2C1D02 looks on a white background.

Color Contrast Check

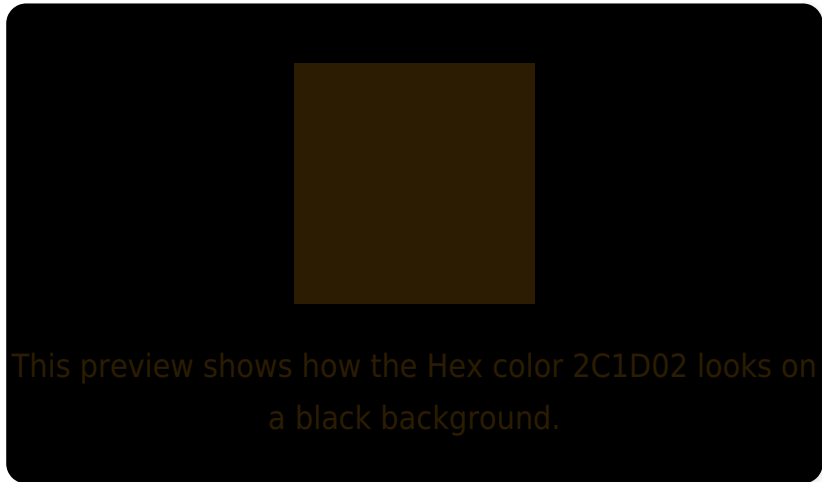
Large Text (above 18pt) WCAG AA ✓ Pass

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

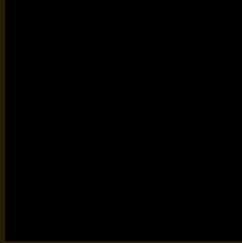
Any Text WCAG AA × Fail

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 2C1D02 Background



This preview shows how black text looks on a background with the Hex color 2C1D02.

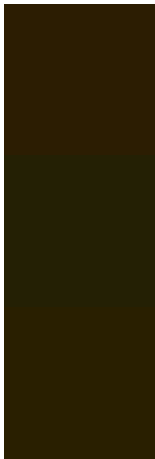


This preview shows how white text looks on a background with the Hex color 2C1D02.

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
2C1D02

Protanopia
242004

Deuteranopia
291F00



Tritanopia
2D1B1D

Trichromacy



Original Color

2C1D02

Protanomaly

271F03

Deuteranomaly

2A1E01

Tritanomaly

2D1C13

Monochromacy



Original Color

2C1D02

Achromatopsia

1E1E1E

Achromatomaly

231E14

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C1D02 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 #2C1D02 looks like.

```
.text, #text, p{  
    color:#2C1D02  
}
```

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 #2C1D02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C1D02
}
```

Border

The CSS property to change the border of an element to Hex 2C1D02 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".

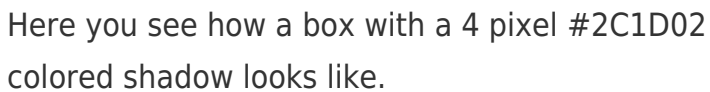
```
.border, #border, table{ border:4px solid
#2C1D02 }
```

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

```
.border{ border-color:#2C1D02 }
```

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

Here you see how a box with a 4 pixel #2C1D02 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C1D02; -webkit-box-shadow:4px 4px  
4px 4px #2C1D02; box-shadow:4px 4px 4px  
4px #2C1D02 }
```

Background

The CSS property to change the background color of an element to Hex 2C1D02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C1D02 }
```

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

```
.background{ background-color:#2C1D02 }
```

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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