

Converting Colors

Hex(2B1313)

Have a look what the booklet for
Hex(2B1313) contains.

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Color

Hex(2B1313)

Conversions

Conversions Part 1

Format	Color
Hex	2B1313
RGB	43, 19, 19
RGB Percent	17%, 7%, 7%
CMY	0.8314, 0.9255, 0.9255
CMYK	0.00, 0.56, 0.56, 0.83
HSL	0°, 39%, 12%
HSV	0°, 56%, 17%
XYZ	1.3467, 1.0264, 0.7432
YIQ	26.1760, 14.3040, 5.0880

Conversions

Conversions Part 2

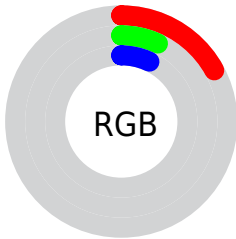
Format	Color
R_{YB}	43, 19, 19
Decimal	2822931
CIE Lab	9.21, 12.33, 5.25
CIE LCh	9, 13.399, 23.054
Yxy	1.0264, 0.4321, 0.3294
Android (android.graphics.Color)	4281013011 (0xFF2B1313)
YUV	26.1760, -3.5378, 14.7546
Hunter-Lab	10.1309, 5.9985, 2.7420

Details

The Hex color **2B1313** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **132B2B**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **5A3E3D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2B0F0F**, and if you desaturate by 10%, it is **2B1717**.

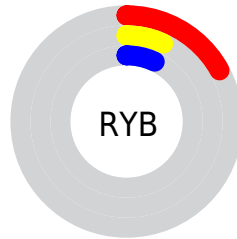
Distribution



Red (17%)

Green (7%)

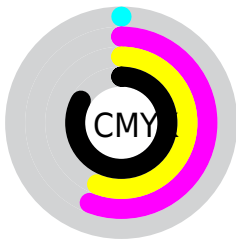
Blue (7%)



Red (17%)

Yellow (7%)

Blue (7%)

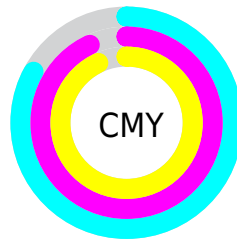


Cyan (0%)

Magenta (56%)

Yellow (56%)

Black (83%)



Cyan (83%)

Magenta (93%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B1313 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 2B1313 by changing the saturation by 10% instead.

 2B1313

 2B1313

 FFF4F3

 140000

 5A3E3D

 000000

 735554

 8D6D6D

 A88786

 C3A1A0

 DFBCBB

 FCD8D7

 2B1313

 2B1313

■ 2B0F0F

■ 2B1717

■ 2B0A0A

■ 2B1C1C

■ 2B0606

■ 2B2020

■ 2B0202

■ 2B2424

■ 2B0000

■ 2B2929

■ 2B2D2D

■ 2B3131

■ 2B3535

■ 2B3A3A

Harmonies

Analogous

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



2A131C



2B1313



281508

Triad

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



2B1313



0E1D0D



071B2C

Complementary

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



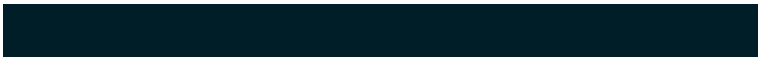
2B1313



132B2B

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.



001E28



2B1313



001F17

Square

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



2B1313



1A1B03



001F21



18182A

Rectangle

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



2B1313



251703



001F21



011C2B

Sweetspot

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



2B1313



382F2F



2B132B



1C1616



9C9C9C



1C1C1C

Same Dimension

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



2B1313



381313



2B1F13



141212



540000



D40000

Inverse Universe

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



132B2B



133838



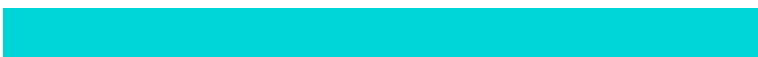
131F2B



121414



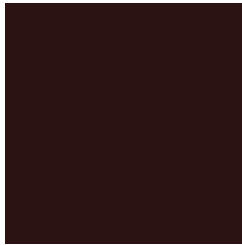
005454



00D4D4

Previews

White Background



This preview shows how the Hex color 2B1313 looks on a white background.

Color Contrast Check

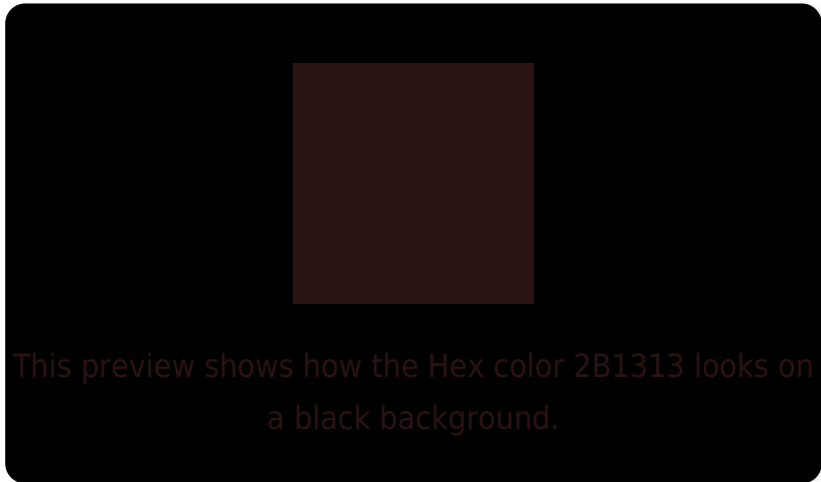
Large Text (above 18pt) WCAG AA ✓ Pass

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 2B1313 Background



This preview shows how black text looks on a background with the Hex color 2B1313.

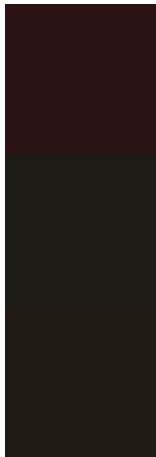


This preview shows how white text looks on a background with the Hex color 2B1313.

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](#).

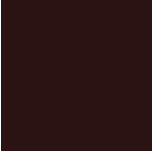
Dichromacy



Original Color
2B1313

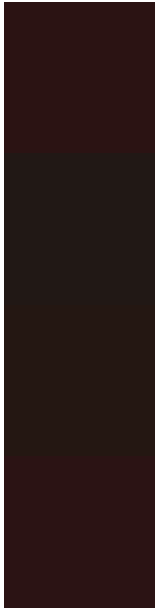
Protanopia
1C1B16

Deuteranopia
201A12



Tritanopia
2B1314

Trichromacy



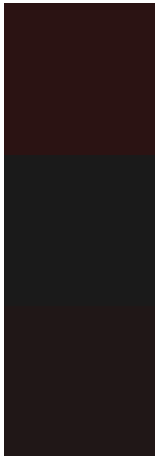
Original Color
2B1313

Protanomaly
211815

Deuteranomaly
241712

Tritanomaly
2B1314

Monochromacy



Original Color
2B1313

Achromatopsia
1A1A1A

Achromatomaly
201717

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B1313 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 #2B1313 looks like.

```
.text, #text, p{  
    color:#2B1313  
}
```

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 #2B1313 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B1313
}
```

Border

The CSS property to change the border of an element to Hex 2B1313 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
#2B1313 }
```

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

```
.border{ border-color:#2B1313 }
```

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

Here you see how a box with a 4 pixel #2B1313 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B1313; -webkit-box-shadow:4px 4px  
4px 4px #2B1313; box-shadow:4px 4px 4px  
4px #2B1313 }
```

Background

The CSS property to change the background color of an element to Hex 2B1313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B1313 }
```

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

```
.background{ background-color:#2B1313 }
```

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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