

Converting Colors

Hex(2B1300)

Have a look what the booklet for
Hex(2B1300) contains.

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Color

Hex(2B1300)

Conversions

Conversions Part 1

Format	Color
Hex	2B1300
RGB	43, 19, 0
RGB Percent	17%, 7%, 0%
CMY	0.8314, 0.9255, 1.0000
CMYK	0.00, 0.56, 1.00, 0.83
HSL	27°, 100%, 8%
HSV	27°, 100%, 17%
XYZ	1.2291, 0.9793, 0.1242
YIQ	24.0100, 20.4030, -0.8210

Conversions

Conversions Part 2

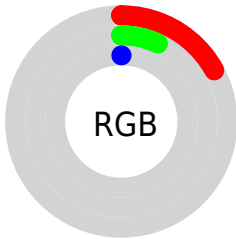
Format	Color
R_YB	43, 34, 0
Decimal	2822912
CIE Lab	8.82, 10.39, 13.43
CIE LCh	9, 16.975, 52.275
Yxy	0.9793, 0.5269, 0.4198
Android (android.graphics.Color)	4281012992 (0xFF2B1300)
YUV	24.0100, -11.8369, 16.6542
Hunter-Lab	9.8961, 4.8520, 6.1829

Details

The Hex color **2B1300** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **00182B**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **5A3E30**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2B1300**, and if you desaturate by 10%, it is **2B1504**.

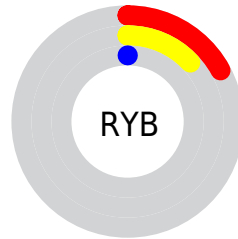
Distribution



Red (17%)

Green (7%)

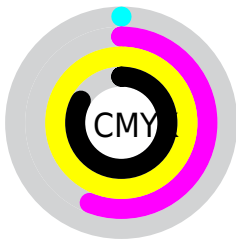
Blue (0%)



Red (17%)

Yellow (13%)

Blue (0%)

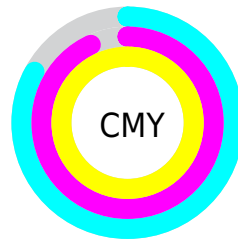


Cyan (0%)

Magenta (56%)

Yellow (100%)

Black (83%)



Cyan (83%)

Magenta (93%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B1300 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 2B1300 by changing the saturation by 10% instead.

 2B1300

 2B1300

 FFF4E2

 0D0000

 5A3E30

 000000

 735546

 8D6D5E

 A88677

 C4A190

 E0BCAB

 FDD7C6

 2B1300

■ 2B1504

■ 2B1809

■ 2B1A0D

■ 2B1D11

■ 2B1F16

■ 2B211A

■ 2B241E

■ 2B2622

■ 2B2927

Harmonies

Analogous

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



2E1010



2B1300



231700

Triad

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



2B1300



001F16



15172E

Complementary

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



2B1300



00182B

Split Complementary

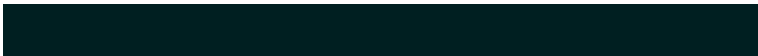
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



001B2F



2B1300



001F21

Square

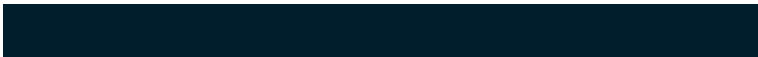
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



2B1300



091E06



001E2B



241327

Rectangle

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



2B1300



1D1A00



001E2B



0D192F

Sweetspot

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



2B1300



382F27



2B0018



1C1612



9C9C9C



1C1C1C

Same Dimension

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



2B1300



381900



2B2800



141312



542500



D45E00

Inverse Universe

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



00182B



001F38



00032B



121314



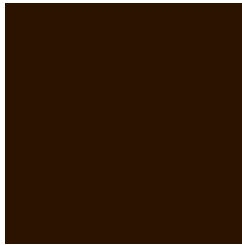
002F54



0076D4

Previews

White Background



This preview shows how the Hex color 2B1300 looks on a white background.

Color Contrast Check

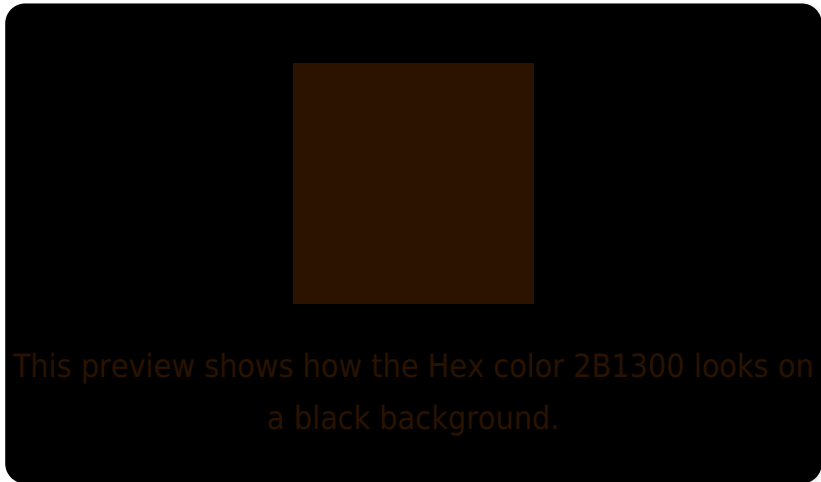
Large Text (above 18pt) WCAG AA ✓ Pass

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

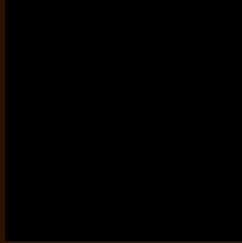
Any Text WCAG AA × Fail

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 2B1300 Background



This preview shows how black text looks on a background with the Hex color 2B1300.

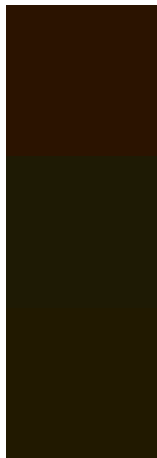


This preview shows how white text looks on a background with the Hex color 2B1300.

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
2B1300

Protanopia
1E1A04

Deuteranopia
211900



Tritanopia
2B1213

Trichromacy



Original Color
2B1300

Protanomaly
231703

Deuteranomaly
251700

Tritanomaly
2B120C

Monochromacy



Original Color
2B1300

Achromatopsia
181818

Achromatomaly
1F160F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B1300 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 #2B1300 looks like.

```
.text, #text, p{  
    color:#2B1300  
}
```

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 #2B1300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B1300
}
```

Border

The CSS property to change the border of an element to Hex 2B1300 is called "border". The border property can be set on classes, ids or directly on the HTML element.

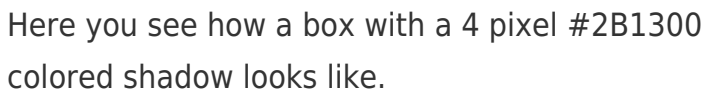
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2B1300 }
```

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

```
.border{ border-color:#2B1300 }
```

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



Here you see how a box with a 4 pixel #2B1300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B1300; -webkit-box-shadow:4px 4px  
4px 4px #2B1300; box-shadow:4px 4px 4px  
4px #2B1300 }
```

Background

The CSS property to change the background color of an element to Hex 2B1300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B1300 }
```

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

```
.background{ background-color:#2B1300 }
```

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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