

Converting Colors

Hex(2B1F01)

Have a look what the booklet for
Hex(2B1F01) contains.

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Color

Hex(2B1F01)

Conversions

Conversions Part 1

Format	Color
Hex	2B1F01
RGB	43, 31, 1
RGB Percent	17%, 12%, 0%
CMY	0.8314, 0.8784, 0.9961
CMYK	0.00, 0.28, 0.98, 0.83
HSL	43°, 95%, 9%
HSV	43°, 98%, 17%
XYZ	1.4917, 1.4958, 0.2388
YIQ	31.1680, 16.7820, -6.7860

Conversions

Conversions Part 2

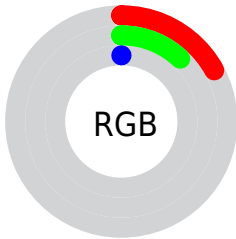
Format	Color
R_{YB}	18, 43, 1
Decimal	2825985
CIE Lab	12.58, 1.99, 18.28
CIE LCh	13, 18.384, 83.782
Yxy	1.4958, 0.4624, 0.4636
Android (android.graphics.Color)	4281016065 (0xFF2B1F01)
YUV	31.1680, -14.8728, 10.3767
Hunter-Lab	12.2301, 0.3692, 7.4034

Details

The Hex color **2B1F01** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **010D2B**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **594B30**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2B1F00**, and if you desaturate by 10%, it is **2B2005**.

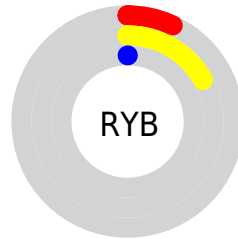
Distribution



Red (17%)

Green (12%)

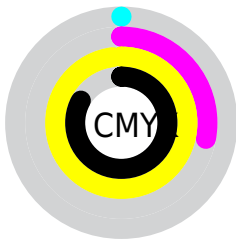
Blue (0%)



Red (7%)

Yellow (17%)

Blue (0%)

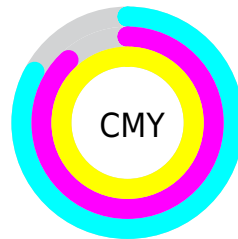


Cyan (0%)

Magenta (28%)

Yellow (98%)

Black (83%)



Cyan (83%)

Magenta (88%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B1F01 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 2B1F01 by changing the saturation by 10% instead.

 2B1F01

 2B1F01

 FFFFE3

 120700

 594B30

 000000

 726247

 8C7B5E

 A79577

 C3B091

 DFCBAC

 FCE7C7

 2B1F01

 2B1F01

■ 2B1F00

■ 2B2005

■ 2B210A

■ 2B230E

■ 2B2412

■ 2B2517

■ 2B261B

■ 2B281F

■ 2B2923

■ 2B2A28

Harmonies

Analogous

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



341A0A



2B1F01



1F2304

Triad

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



2B1F01



00272B



2E1930

Complementary

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



2B1F01



010D2B

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.



1D1E38



2B1F01



002635

Square

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



2B1F01



00271E



00233A



371624

Rectangle

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



2B1F01



15250C



00233A



291B33

Sweetspot

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



2B1F01



383328



2B010E



1C1912



9C9C9C



1C1C1C

Same Dimension

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



2B1F01



382800



232B01



141412



543C00



D49700

Inverse Universe

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



010D2B



001038



09012B



121314



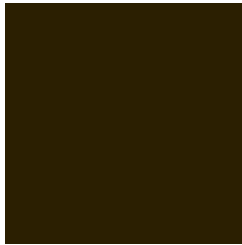
001854



003CD4

Previews

White Background



This preview shows how the Hex color 2B1F01 looks on a white background.

Color Contrast Check

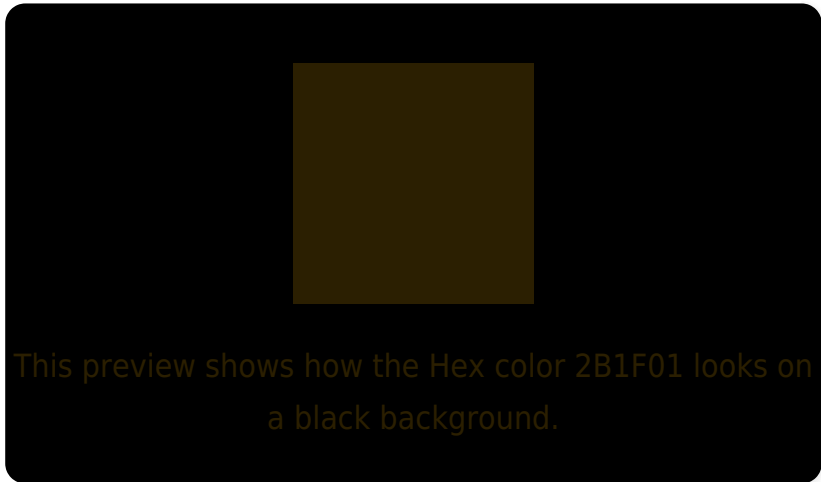
Large Text (above 18pt) WCAG AA ✓ Pass

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

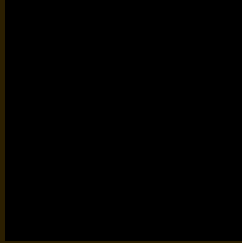
Any Text WCAG AA × Fail

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 2B1F01 Background



This preview shows how black text looks on a background with the Hex color 2B1F01.

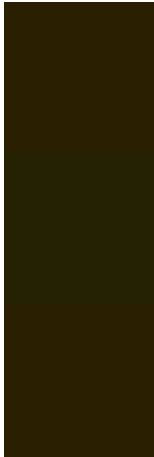


This preview shows how white text looks on a background with the Hex color 2B1F01.

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
2B1F01

Protanopia
252103

Deuteranopia
2A1F00

Trichromacy



Original Color

2B1F01

Protanomaly

272002

Deuteranomaly

2A1F00

Tritanomaly

2C1E14

Monochromacy



Original Color

2B1F01

Achromatopsia

1F1F1F

Achromatomaly

231F14

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B1F01 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 #2B1F01 looks like.

```
.text, #text, p{  
    color:#2B1F01  
}
```

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 #2B1F01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B1F01
}
```

Border

The CSS property to change the border of an element to Hex 2B1F01 is called "border". The border property can be set on classes, ids or directly on the HTML element.

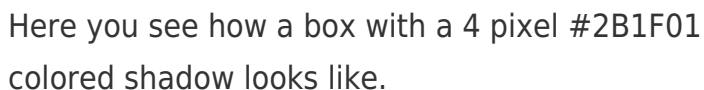
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2B1F01 }
```

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

```
.border{ border-color:#2B1F01 }
```

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



Here you see how a box with a 4 pixel #2B1F01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B1F01; -webkit-box-shadow:4px 4px  
4px 4px #2B1F01; box-shadow:4px 4px 4px  
4px #2B1F01 }
```

Background

The CSS property to change the background color of an element to Hex 2B1F01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B1F01 }
```

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

```
.background{ background-color:#2B1F01 }
```

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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