

Converting Colors

Hex(2B3B1A)

Have a look what the booklet for
Hex(2B3B1A) contains.

Hex(2B3B1A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2B3B1A)

Conversions

Conversions Part 1

Format	Color
Hex	2B3B1A
RGB	43, 59, 26
RGB Percent	17%, 23%, 10%
CMY	0.8314, 0.7686, 0.8980
CMYK	0.27, 0.00, 0.56, 0.77
HSL	89°, 39%, 17%
HSV	89°, 56%, 23%
XYZ	2.7467, 3.7161, 1.5498
YIQ	50.4540, 1.0570, -13.6550

Conversions

Conversions Part 2

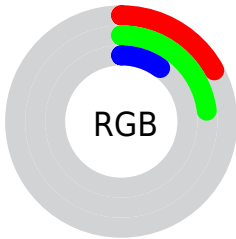
Format	Color
RYB	26, 59, 42
Decimal	2833178
CIELab	22.71, -13.42, 18.27
CIElCh	23, 22.668, 126.290
Yxy	3.7161, 0.3428, 0.4638
Android (android.graphics.Color)	4281023258 (0xFF2B3B1A)
YUV	50.4540, -12.0558, -6.5372
Hunter-Lab	19.2772, -8.3018, 8.7274

Details

The Hex color **2B3B1A** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **2A1A3B**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **5A6A46**, and **001100** is the 20% darker color. If you saturate the color by 10%, you get **283B14**, and if you desaturate by 10%, it is **2E3B20**.

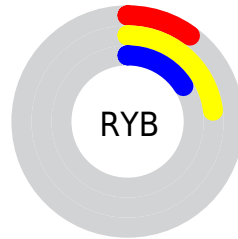
Distribution



Red (17%)

Green (23%)

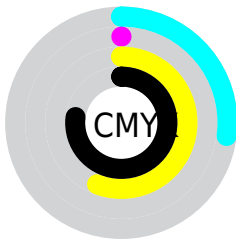
Blue (10%)



Red (10%)

Yellow (23%)

Blue (16%)

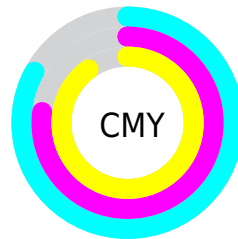


Cyan (27%)

Magenta (0%)

Yellow (56%)

Black (77%)



Cyan (83%)

Magenta (77%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B3B1A 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 2B3B1A by changing the saturation by 10% instead.

■ 2B3B1A

■ 2B3B1A

FFFFFF

■ 172501

■ 5A6A46

■ 001100

■ 72845E

■ 000000

■ 8C9E77

■ A7B991

■ C2D4AB

■ DEF1C7

■ FBF FE3

■ 2B3B1A

■ 2B3B1A

■ 283B14

■ 2E3B20

■ 253B0E

■ 313B26

■ 223B08

■ 343B2C

■ 203B02

■ 363B32

■ 1E3B00

■ 393B37

■ 3C3B3D

■ 3F3B43

■ 423B49

■ 453B4F

Harmonies

Analogous

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



3D3613



2B3B1A



133E28

Triad

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



2B3B1A



003C55



562833

Complementary

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



2B3B1A



2A1A3B

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.



4E2A44



2B3B1A



203758

Square

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



2B3B1A



003E4A



3C3051



542B23

Rectangle

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



2B3B1A



003F33



3C3051



542839

Sweetspot

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



2B3B1A



464D3F



3B2A1A



23261F



A6A6A6



262626

Same Dimension

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



2B3B1A



344D19



1B3B1A



1D1F1C



315E00



72DE00

Inverse Universe

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



2A1A3B



32194D



3A1A3B



1D1C1F



2E005E



6C00DE

Previews

White Background



This preview shows how the Hex color 2B3B1A looks on a white background.

Color Contrast Check

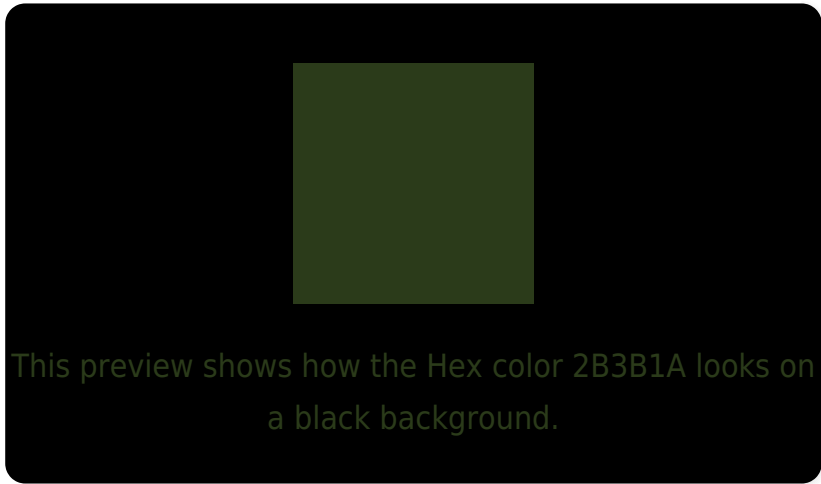
Large Text (above 18pt) WCAG AA ✓ Pass

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

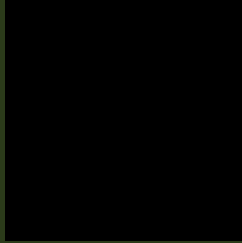
Any Text WCAG AA × Fail

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 2B3B1A Background



This preview shows how black text looks on a background with the Hex color 2B3B1A.



This preview shows how white text looks on a background with the Hex color 2B3B1A.

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
2B3B1A

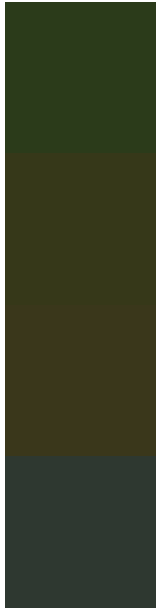
Protanopia
3C3619

Deuteranopia
43341C



Tritanopia
30373C

Trichromacy



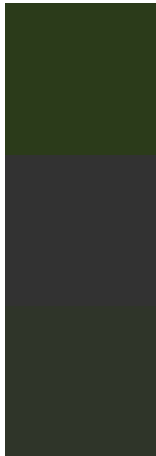
Original Color
2B3B1A

Protanomaly
363819

Deuteranomaly
3A371B

Tritanomaly
2E3830

Monochromacy



Original Color
2B3B1A

Achromatopsia
323232

Achromatomaly
2F3529

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B3B1A 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 #2B3B1A looks like.

```
.text, #text, p{  
    color:#2B3B1A  
}
```

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 #2B3B1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B3B1A
}
```

Border

The CSS property to change the border of an element to Hex 2B3B1A 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".

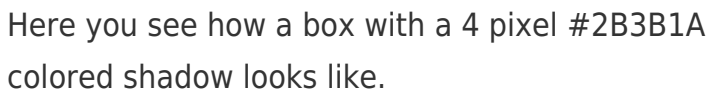
```
.border, #border, table{ border:4px solid
#2B3B1A }
```

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

```
.border{ border-color:#2B3B1A }
```

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

Here you see how a box with a 4 pixel #2B3B1A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B3B1A; -webkit-box-shadow:4px 4px  
4px 4px #2B3B1A; box-shadow:4px 4px 4px  
4px #2B3B1A }
```

Background

The CSS property to change the background color of an element to Hex 2B3B1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B3B1A }
```

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

```
.background{ background-color:#2B3B1A }
```

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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