

Converting Colors

Hex(2B3021)

Have a look what the booklet for
Hex(2B3021) contains.

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Color

Hex(2B3021)

Conversions

Conversions Part 1

Format	Color
Hex	2B3021
RGB	43, 48, 33
RGB Percent	17%, 19%, 13%
CMY	0.8314, 0.8118, 0.8706
CMYK	0.10, 0.00, 0.31, 0.81
HSL	80°, 19%, 16%
HSV	80°, 31%, 19%
XYZ	2.3277, 2.7373, 1.8445
YIQ	44.7950, 1.8350, -5.7250

Conversions

Conversions Part 2

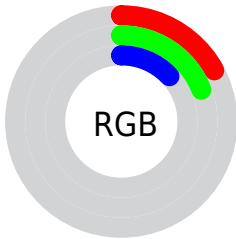
Format	Color
RYB	33, 48, 38
Decimal	2830369
CIELab	18.96, -5.49, 8.91
CIELCh	19, 10.464, 121.628
Yxy	2.7373, 0.3369, 0.3962
Android (android.graphics.Color)	4281020449 (0xFF2B3021)
YUV	44.7950, -5.8149, -1.5742
Hunter-Lab	16.5448, -3.8398, 4.9714

Details

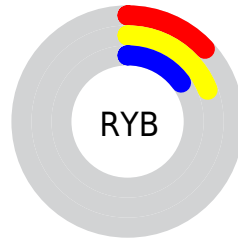
The Hex color **2B3021** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **262130**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **595E4D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **29301C**, and if you desaturate by 10%, it is **2D3026**.

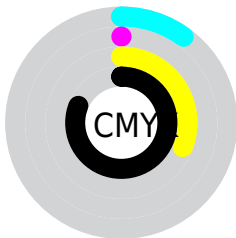
Distribution



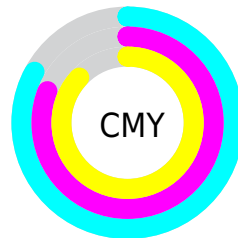
- Red (17%)
- Green (19%)
- Blue (13%)



- Red (13%)
- Yellow (19%)
- Blue (15%)



- Cyan (10%)
- Magenta (0%)
- Yellow (31%)
- Black (81%)



- Cyan (83%)
- Magenta (81%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B3021 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 2B3021 by changing the saturation by 10% instead.

■ 2B3021

■ 2B3021

FFFFFF

■ 171B0B

■ 595E4D

■ 000000

■ 717765

■ 8B907E

■ A5AB98

■ C0C6B3

■ DCE2CE

■ F8FFEB

■ 2B3021

■ 2B3021

■ 29301C

■ 2D3026

■ 283017

■ 2E302B

■ 263013

■ 30302F

■ 25300E

■ 313034

■ 233009

■ 333039

■ 213004

■ 35303E

■ 203000

■ 363043

■ 383047

■ 39304C

Harmonies

Analogous

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



332E1F



2B3021



223227

Triad

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



2B3021



1C313B



3D292E

Complementary

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



2B3021



262130

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.



382A35



2B3021



252F3D

Square

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



2B3021



173236



302C3B



3D2926

Rectangle

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



2B3021



1D322C



302C3B



3C2931

Sweetspot

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



2B3021



3B3D38



302621



1D1F1B



9E9E9E



1F1F1F

Same Dimension

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



2B3021



353D26



243021



161715



3A5700



8FD600

Inverse Universe

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



262130



2E263D



2E2130



151517



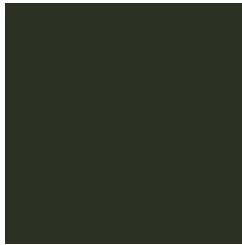
1D0057



4700D6

Previews

White Background



This preview shows how the Hex color 2B3021 looks on a white background.

Color Contrast Check

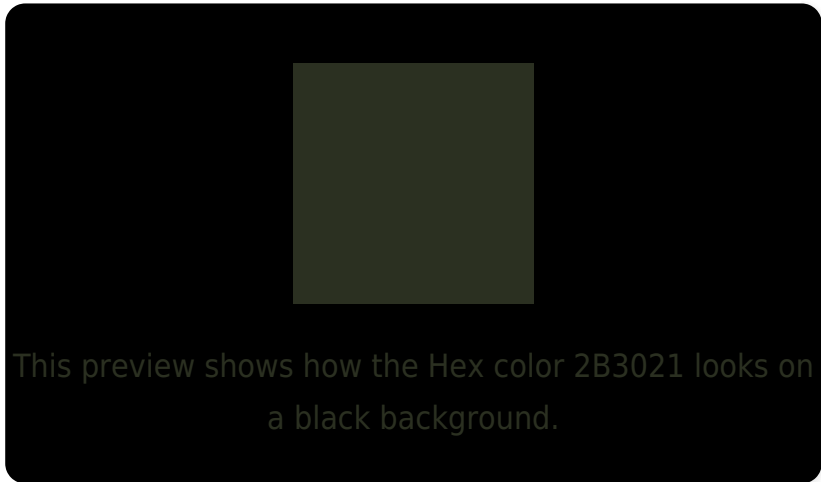
Large Text (above 18pt) WCAG AA ✓ Pass

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

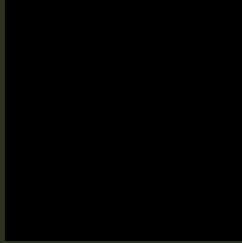
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

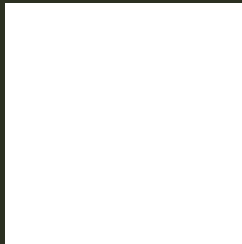
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2B3021 Background



This preview shows how black text looks on a background with the Hex color 2B3021.

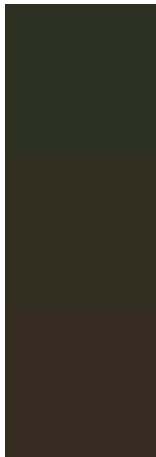


This preview shows how white text looks on a background with the Hex color 2B3021.

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

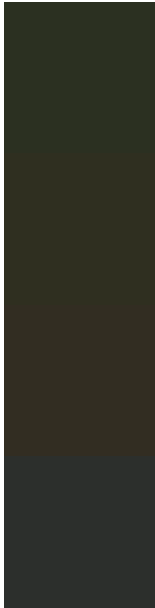


Original Color
2B3021

Protanopia
322E20

Deuteranopia
362C22

Trichromacy



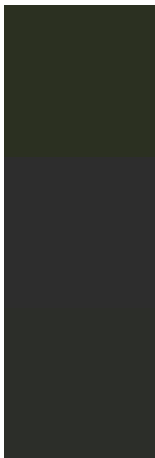
Original Color
2B3021

Protanomaly
2F2F20

Deuteranomaly
322D22

Tritanomaly
2C2F2C

Monochromacy



Original Color
2B3021

Achromatopsia
2D2D2D

Achromatomaly
2C2E29

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B3021 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 #2B3021 looks like.

```
.text, #text, p{  
    color:#2B3021  
}
```

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 #2B3021 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B3021
}
```

Border

The CSS property to change the border of an element to Hex 2B3021 is called "border". The border property can be set on classes, ids or directly on the HTML element.

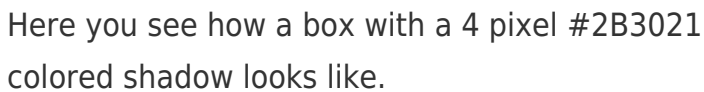
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2B3021 }
```

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

```
.border{ border-color:#2B3021 }
```

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



Here you see how a box with a 4 pixel #2B3021 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B3021; -webkit-box-shadow:4px 4px  
4px 4px #2B3021; box-shadow:4px 4px 4px  
4px #2B3021 }
```

Background

The CSS property to change the background color of an element to Hex 2B3021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B3021 }
```

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

```
.background{ background-color:#2B3021 }
```

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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