

Converting Colors

Hex(30201B)

Have a look what the booklet for
Hex(30201B) contains.

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Color

Hex(30201B)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 30201B |
| RGB | 48, 32, 27 |
| RGB Percent | 19%, 13%, 11% |
| CMY | 0.8118, 0.8745, 0.8941 |
| CMYK | 0.00, 0.33, 0.44, 0.81 |
| HSL | 14°, 28%, 15% |
| HSV | 14°, 44%, 19% |
| XYZ | 1.9333, 1.7405, 1.2710 |
| YIQ | 36.2140, 11.1410, 1.8370 |

Conversions

Conversions Part 2

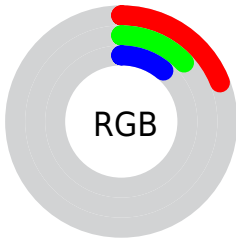
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 48, 34, 27 |
| Decimal | 3153947 |
| CIELab | 14.06, 6.91, 6.46 |
| CIELCh | 14, 9.460, 43.092 |
| Yxy | 1.7405, 0.3910, 0.3520 |
| Android (android.graphics.Color) | 4281344027 (0xFF30201B) |
| YUV | 36.2140, -4.5425, 10.3363 |
| Hunter-Lab | 13.1929, 3.0694, 3.5232 |

Details

The Hex color **30201B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1B2B30**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **5F4C46**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **301C16**, and if you desaturate by 10%, it is **302420**.

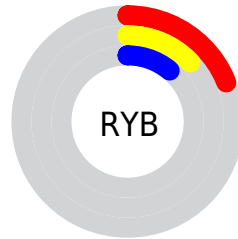
Distribution



Red (19%)

Green (13%)

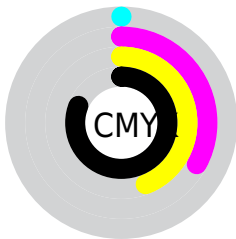
Blue (11%)



Red (19%)

Yellow (13%)

Blue (11%)

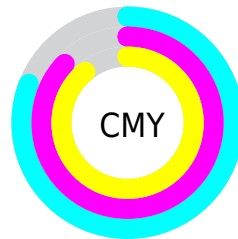


Cyan (0%)

Magenta (33%)

Yellow (44%)

Black (81%)



Cyan (81%)

Magenta (87%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30201B 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 30201B by changing the saturation by 10% instead.

■ 30201B

■ 30201B

FFFFFFE

■ 1D0900

■ 5F4C46

■ 000000

■ 78645E

■ 927D76

■ AC9790

■ C8B1AB

■ E4CDC6

■ FFE9E2

■ 30201B

■ 30201B

■ 301C16

■ 302420

■ 301911

■ 302725

■ 30150D

■ 302B29

■ 301108

■ 302F2E

■ 300E03

■ 303233

■ 300B00

■ 303638

■ 303A3D

■ 303D41

■ 304146

Harmonies

Analogous

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



311F21



30201B



2C2217

Triad

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



30201B



172720



202331

Complementary

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



30201B



1B2B30

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.



162530



30201B



112726

Square

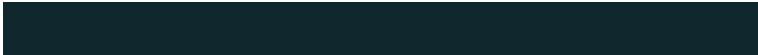
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



30201B



1E261A



10272D



28212D

Rectangle

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



30201B



282417



10272D



1C2431

Sweetspot

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



30201B



3D3735



301B2B



1F1B1A



9E9E9E



1F1F1F

Same Dimension

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



30201B



3D241D



302A1B



171515



571500



D63300

Inverse Universe

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



1B2B30



1D353D



1B2130



151617



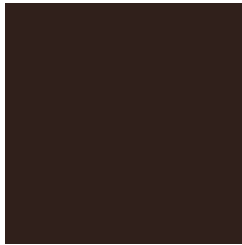
004257



00A3D6

Previews

White Background



This preview shows how the Hex color 30201B looks on a white background.

Color Contrast Check

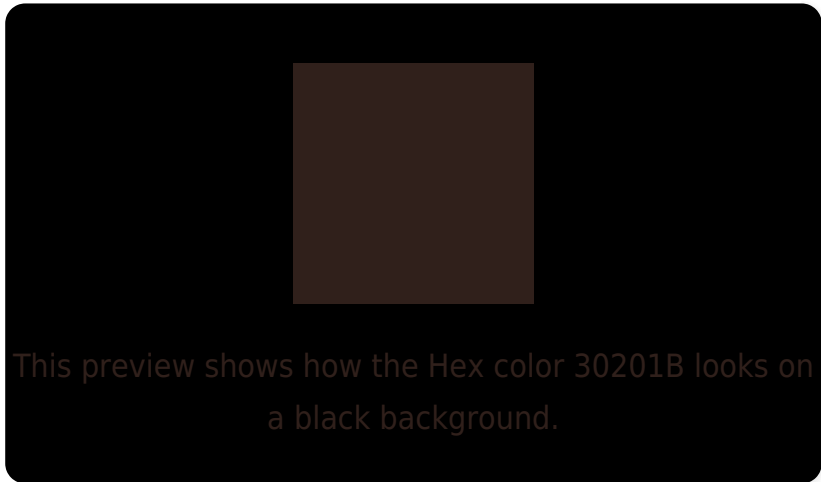
Large Text (above 18pt) WCAG AA ✓ Pass

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

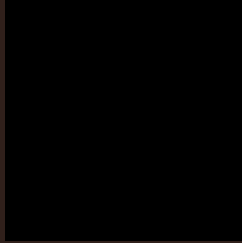
Any Text WCAG AA × Fail

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 30201B Background



This preview shows how black text looks on a background with the Hex color 30201B.

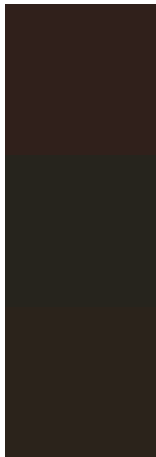


This preview shows how white text looks on a background with the Hex color 30201B.

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
30201B

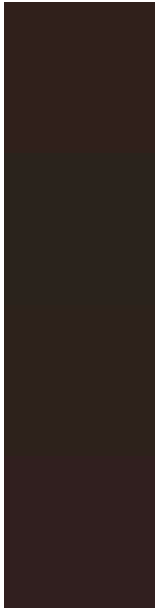
Protanopia
26241D

Deuteranopia
2B231B



Tritanopia
311F21

Trichromacy



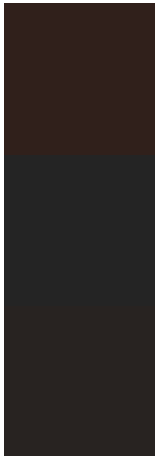
Original Color
30201B

Protanomaly
2A231C

Deuteranomaly
2D221B

Tritanomaly
311F1F

Monochromacy



Original Color
30201B

Achromatopsia
242424

Achromatomaly
282321

CSS Examples

Text

The CSS property to change the color of the text to Hex 30201B 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 #30201B looks like.

```
.text, #text, p{  
    color:#30201B  
}
```

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 #30201B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30201B
}
```

Border

The CSS property to change the border of an element to Hex 30201B is called "border". The border property can be set on classes, ids or directly on the HTML element.

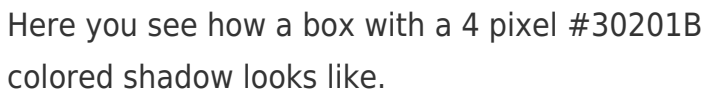
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#30201B }
```

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

```
.border{ border-color:#30201B }
```

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



Here you see how a box with a 4 pixel #30201B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30201B; -webkit-box-shadow:4px 4px  
4px 4px #30201B; box-shadow:4px 4px 4px  
4px #30201B }
```

Background

The CSS property to change the background color of an element to Hex 30201B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30201B }
```

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

```
.background{ background-color:#30201B }
```

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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