

Converting Colors

Hex(30181B)

Have a look what the booklet for
Hex(30181B) contains.

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Color

Hex(30181B)

Conversions

Conversions Part 1

Format	Color
Hex	30181B
RGB	48, 24, 27
RGB Percent	19%, 9%, 11%
CMY	0.8118, 0.9059, 0.8941
CMYK	0.00, 0.50, 0.44, 0.81
HSL	352°, 33%, 14%
HSV	352°, 50%, 19%
XYZ	1.7434, 1.3608, 1.2077
YIQ	31.5180, 13.3410, 6.0210

Conversions

Conversions Part 2

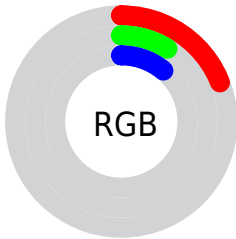
Format	Color
RYB	48, 24, 27
Decimal	3151899
CIELab	11.69, 12.49, 3.15
CIElCh	12, 12.882, 14.135
Yxy	1.3608, 0.4043, 0.3156
Android (android.graphics.Color)	4281341979 (0xFF30181B)
YUV	31.5180, -2.2274, 14.4547
Hunter-Lab	11.6652, 6.2629, 2.0275

Details

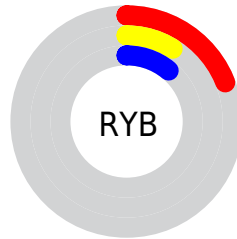
The Hex color **30181B** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **18302D**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **5F4346**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **301317**, and if you desaturate by 10%, it is **301D1F**.

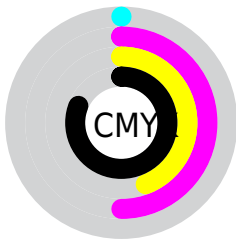
Distribution



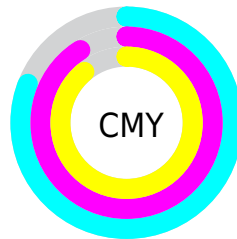
- Red (19%)
- Green (9%)
- Blue (11%)



- Red (19%)
- Yellow (9%)
- Blue (11%)



- Cyan (0%)
- Magenta (50%)
- Yellow (44%)
- Black (81%)



- Cyan (81%)
- Magenta (91%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30181B 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 30181B by changing the saturation by 10% instead.

■ 30181B

■ 30181B

■ FFFCFE

■ 1E0000

■ 5F4346

■ 000000

■ 785B5E

■ 927476

■ AD8D90

■ C9A8AA

■ E5C3C6

■ FFD FE2

■ 30181B

■ 30181B

■ 301317

■ 301D1F

■ 300E13

■ 302223

■ 300A0E

■ 302628

■ 30050A

■ 302B2C

■ 300006

■ 303030

■ 303534

■ 303A38

■ 303E3D

■ 304341

Harmonies

Analogous

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



2D1924



30181B



2E1A13

Triad

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



30181B



172212



092130

Complementary

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



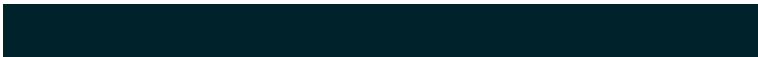
30181B



18302D

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.



00232B



30181B



0B231A

Square

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



30181B



21200C



012423



191E30

Rectangle

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



30181B



2B1C0E



012423



04222F

Sweetspot

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



30181B



3D3435



2D1830



1F191A



9E9E9E



1F1F1F

Same Dimension

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



30181B



3D181D



302118



171515



57000B



D6001B

Inverse Universe

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



30181B



3D181D



182730



171515



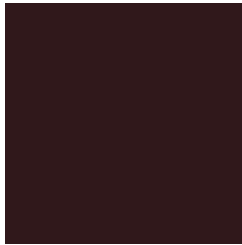
57000B



D6001B

Previews

White Background



This preview shows how the Hex color 30181B looks on a white background.

Color Contrast Check

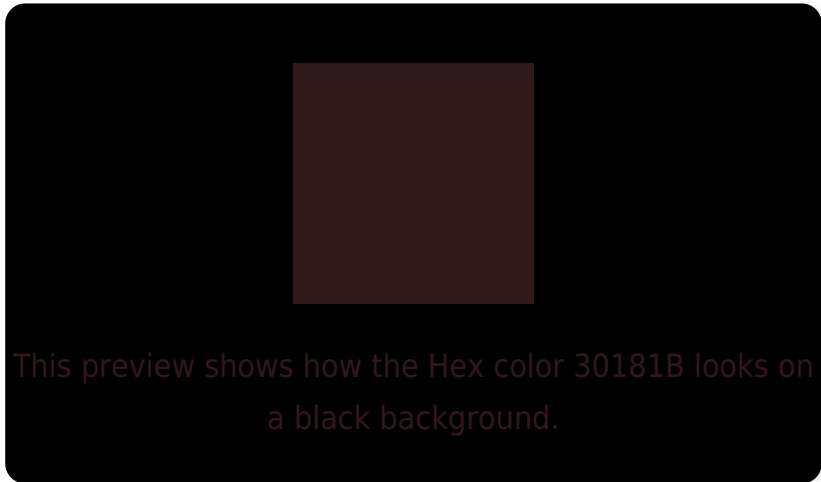
Large Text (above 18pt) WCAG AA ✓ Pass

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

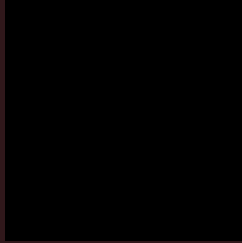
Any Text WCAG AA × Fail

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 30181B Background



This preview shows how black text looks on a background with the Hex color 30181B.

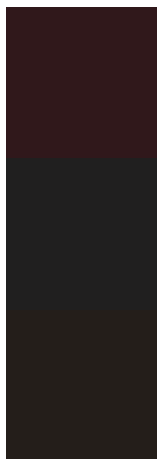


This preview shows how white text looks on a background with the Hex color 30181B.

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
30181B

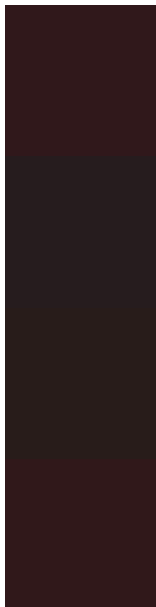
Protanopia
201F1F

Deuteranopia
241E1A



Tritanopia
30181A

Trichromacy



Original Color

30181B

Protanomaly

261C1E

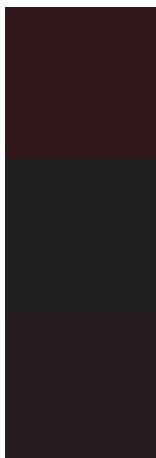
Deuteranomaly

281C1A

Tritanomaly

30181A

Monochromacy



Original Color

30181B

Achromatopsia

202020

Achromatomaly

261D1E

CSS Examples

Text

The CSS property to change the color of the text to Hex 30181B 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 #30181B looks like.

```
.text, #text, p{  
    color:#30181B  
}
```

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 #30181B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30181B
}
```

Border

The CSS property to change the border of an element to Hex 30181B is called "border". The border property can be set on classes, ids or directly on the HTML element.

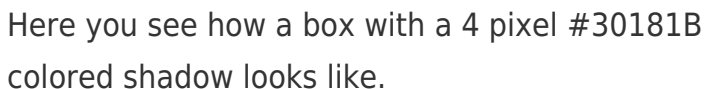
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#30181B }
```

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

```
.border{ border-color:#30181B }
```

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



Here you see how a box with a 4 pixel #30181B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30181B; -webkit-box-shadow:4px 4px  
4px 4px #30181B; box-shadow:4px 4px 4px  
4px #30181B }
```

Background

The CSS property to change the background color of an element to Hex 30181B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30181B }
```

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

```
.background{ background-color:#30181B }
```

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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