

Converting Colors

Hex(30331A)

Have a look what the booklet for
Hex(30331A) contains.

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Color

Hex(30331A)

Conversions

Conversions Part 1

Format	Color
Hex	30331A
RGB	48, 51, 26
RGB Percent	19%, 20%, 10%
CMY	0.8118, 0.8000, 0.8980
CMYK	0.06, 0.00, 0.49, 0.80
HSL	67°, 32%, 15%
HSV	67°, 49%, 20%
XYZ	2.5892, 3.0706, 1.4335
YIQ	47.2530, 6.2370, -8.4110

Conversions

Conversions Part 2

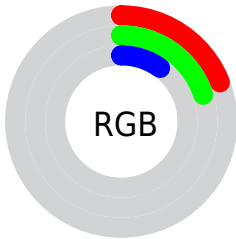
Format	Color
R_{YB}	26, 51, 29
Decimal	3158810
CIE _{Lab}	20.32, -6.13, 15.40
CIE _{LCh}	20, 16.576, 111.687
Yxy	3.0706, 0.3650, 0.4329
Android (android.graphics.Color)	4281348890 (0xFF30331A)
YUV	47.2530, -10.4777, 0.6551
Hunter-Lab	17.5232, -4.2906, 7.4159

Details

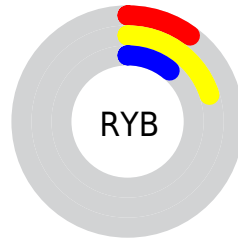
The Hex color **30331A** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1D1A33**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **5F6146**, and **000200** is the 20% darker color. If you saturate the color by 10%, you get **2F3315**, and if you desaturate by 10%, it is **31331F**.

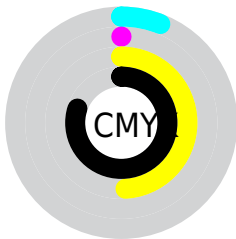
Distribution



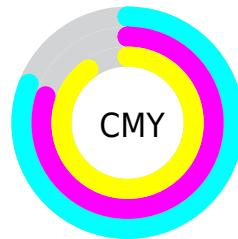
- Red (19%)
- Green (20%)
- Blue (10%)



- Red (10%)
- Yellow (20%)
- Blue (11%)



- Cyan (6%)
- Magenta (0%)
- Yellow (49%)
- Black (80%)



- Cyan (81%)
- Magenta (80%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30331A 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 30331A by changing the saturation by 10% instead.

■ 30331A

■ 30331A

FFFFFFE

■ 1C1E00

■ 5F6146

■ 000200

■ 787A5D

■ 000000

■ 919476

■ ACAE90

■ C8CAAA

■ E4E6C6

■ FFFFE2

■ 30331A

■ 30331A

■ 2F3315

■ 31331F

■ 2F3310

■ 313324

■ 2E330B

■ 323329

■ 2E3306

■ 32332E

■ 2D3300

■ 333334

■ 343339

■ 34333E

■ 353343

■ 363348

Harmonies

Analogous

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



3C2F19



30331A



223622

Triad

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



30331A



023644



462835

Complementary

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



30331A



1D1A33

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.



3D2B40



30331A



193349

Square

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



30331A



00373A



2D2F48



492829

Rectangle

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



30331A



173729



2D2F48



442839

Sweetspot

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



30331A



414238



331D1A



20211B



A1A1A1



212121

Same Dimension

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



30331A



3E421B



24331A



191A17



4F5900



BFD900

Inverse Universe

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



1D1A33



201B42



291A33



17171A



0B0059



1A00D9

Previews

White Background



This preview shows how the Hex color 30331A looks on a white background.

Color Contrast Check

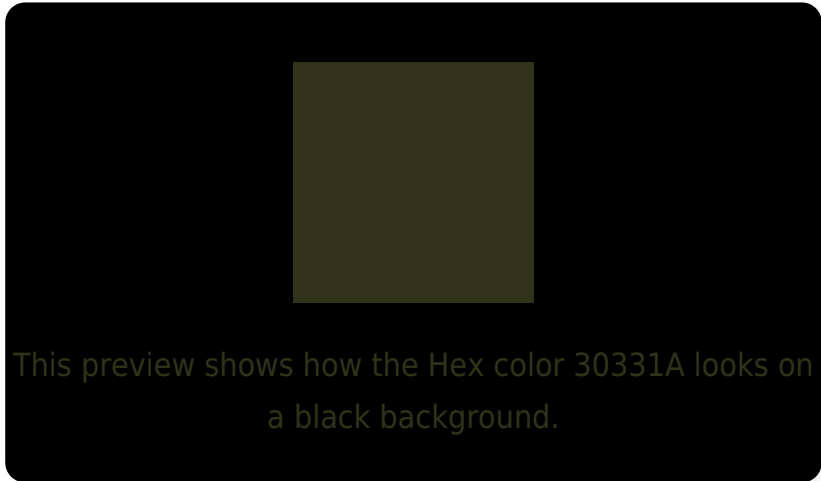
Large Text (above 18pt) WCAG AA ✓ Pass

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

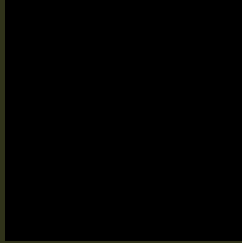
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

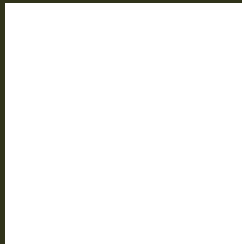
Any Text WCAG AAA × Fail

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

Hex 30331A Background



This preview shows how black text looks on a background with the Hex color 30331A.

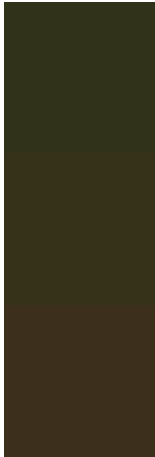


This preview shows how white text looks on a background with the Hex color 30331A.

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
30331A

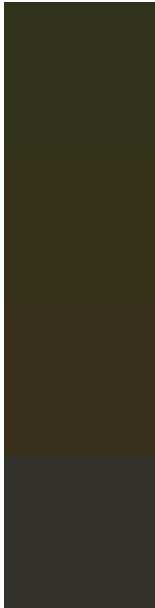
Protanopia
363119

Deuteranopia
3C2F1B



Tritanopia
333034

Trichromacy



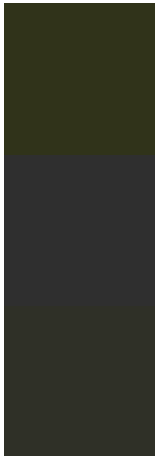
Original Color
30331A

Protanomaly
343219

Deuteranomaly
38301B

Tritanomaly
32312B

Monochromacy



Original Color
30331A

Achromatopsia
2F2F2F

Achromatomaly
2F3027

CSS Examples

Text

The CSS property to change the color of the text to Hex 30331A 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 #30331A looks like.

```
.text, #text, p{  
    color:#30331A  
}
```

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 #30331A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30331A
}
```

Border

The CSS property to change the border of an element to Hex 30331A 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
#30331A }
```

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

```
.border{ border-color:#30331A }
```

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

Here you see how a box with a 4 pixel #30331A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30331A; -webkit-box-shadow:4px 4px  
4px 4px #30331A; box-shadow:4px 4px 4px  
4px #30331A }
```

Background

The CSS property to change the background color of an element to Hex 30331A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30331A }
```

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

```
.background{ background-color:#30331A }
```

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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