

Converting Colors

Hex(30031A)

Have a look what the booklet for
Hex(30031A) contains.

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Color

Hex(30031A)

Conversions

Conversions Part 1

Format	Color
Hex	30031A
RGB	48, 3, 26
RGB Percent	19%, 1%, 10%
CMY	0.8118, 0.9882, 0.8980
CMYK	0.00, 0.94, 0.46, 0.81
HSL	329°, 88%, 10%
HSV	329°, 94%, 19%
XYZ	1.4379, 0.7681, 1.0497
YIQ	19.0770, 19.4370, 16.6930

Conversions

Conversions Part 2

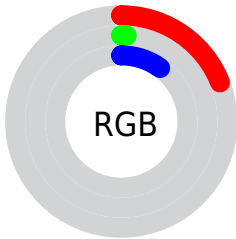
Format	Color
RYB	48, 3, 26
Decimal	3146522
CIELab	6.94, 24.79, -3.02
CIELCh	7, 24.975, 353.058
Yxy	0.7681, 0.4417, 0.2359
Android (android.graphics.Color)	4281336602 (0xFF30031A)
YUV	19.0770, 3.4130, 25.3655
Hunter-Lab	8.7640, 13.9499, -0.9669

Details

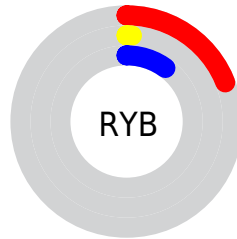
The Hex color **30031A** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **033019**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **613045**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **300019**, and if you desaturate by 10%, it is **30081C**.

Distribution



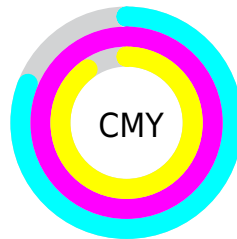
- Red (19%)
- Green (1%)
- Blue (10%)



- Red (19%)
- Yellow (1%)
- Blue (10%)



- Cyan (0%)
- Magenta (94%)
- Yellow (46%)
- Black (81%)



- Cyan (81%)
- Magenta (99%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30031A 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 30031A by changing the saturation by 10% instead.

 30031A

 30031A

 FFE6FD

 180001

 613045

 000000

 7A475C

 956075

 B0798F

 CC93A9

 E8AEC4

 FFC9E0

 30031A

 30031A

■ 300019

■ 30081C

■ 300D1F

■ 301121

■ 301623

■ 301B26

■ 302028

■ 30252A

■ 30292D

■ 302E2F

Harmonies

Analogous

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



250A29



30031A



320403

Triad

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



30031A



0D1900



001D2F

Complementary

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



30031A



033019

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.



001F22



30031A



001D00

Square

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



30031A



201300



001F10



001936

Rectangle

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



30031A



2E0800



001F10



001E2C

Sweetspot

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



30031A



3D2C35



190330



1F141A



9E9E9E



1F1F1F

Same Dimension

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



30031A



3D001F



300304



171516



57002C



D6006D

Inverse Universe

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



30031A



3D001F



03302F



171516



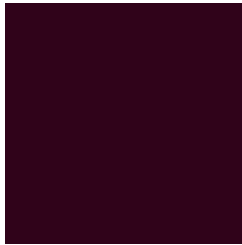
57002C



D6006D

Previews

White Background



This preview shows how the Hex color 30031A looks on a white background.

Color Contrast Check

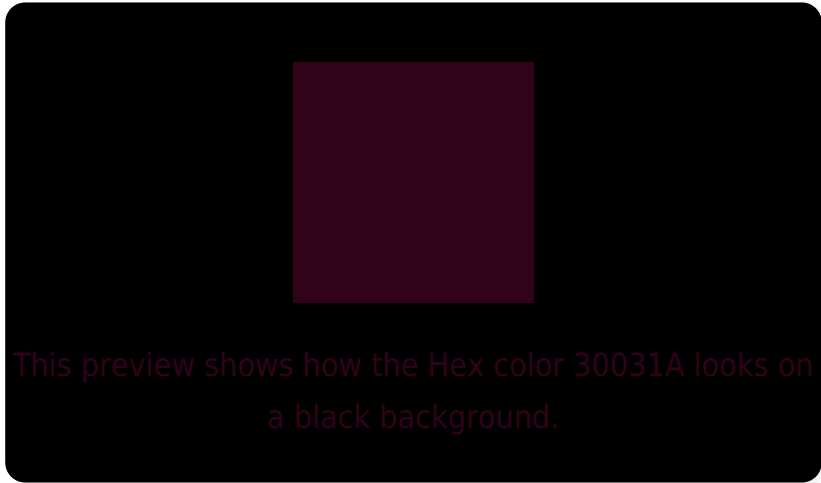
Large Text (above 18pt) WCAG AA ✓ Pass

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

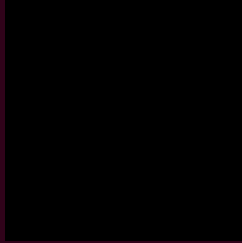
Any Text WCAG AA × Fail

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 30031A Background



This preview shows how black text looks on a background with the Hex color 30031A.



This preview shows how white text looks on a background with the Hex color 30031A.

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](#).

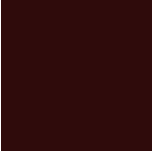
Dichromacy



Original Color
[30031A](#)

Protanopia
[151925](#)

Deuteranopia
[1C1818](#)



Tritanopia
2F0B0B

Trichromacy



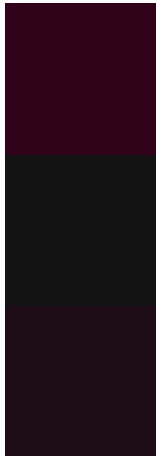
Original Color
30031A

Protanomaly
1F1121

Deuteranomaly
231019

Tritanomaly
2F0810

Monochromacy



Original Color
30031A

Achromatopsia
131313

Achromatomaly
1E0D16

CSS Examples

Text

The CSS property to change the color of the text to Hex 30031A 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 #30031A looks like.

```
.text, #text, p{  
    color:#30031A  
}
```

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 #30031A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30031A
}
```

Border

The CSS property to change the border of an element to Hex 30031A 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
#30031A }
```

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

```
.border{ border-color:#30031A }
```

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

Here you see how a box with a 4 pixel #30031A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30031A; -webkit-box-shadow:4px 4px  
4px 4px #30031A; box-shadow:4px 4px 4px  
4px #30031A }
```

Background

The CSS property to change the background color of an element to Hex 30031A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30031A }
```

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

```
.background{ background-color:#30031A }
```

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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