

Converting Colors

Hex(18031A)

Have a look what the booklet for
Hex(18031A) contains.

Hex(18031A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(18031A)

Conversions

Conversions Part 1

Format	Color
Hex	18031A
RGB	24, 3, 26
RGB Percent	9%, 1%, 10%
CMY	0.9059, 0.9882, 0.8980
CMYK	0.08, 0.88, 0.00, 0.90
HSL	295°, 79%, 6%
HSV	295°, 88%, 10%
XYZ	0.5957, 0.3339, 1.0103
YIQ	11.9010, 5.1330, 11.6050

Conversions

Conversions Part 2

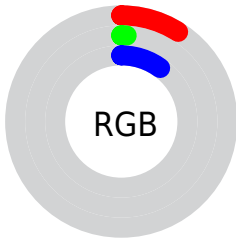
Format	Color
R_{YB}	24, 3, 26
Decimal	1573658
CIE Lab	3.02, 11.40, -9.24
CIE LCh	3, 14.677, 320.977
Yxy	0.3339, 0.3071, 0.1721
Android (android.graphics.Color)	4279763738 (0xFF18031A)
YUV	11.9010, 6.9508, 10.6108
Hunter-Lab	5.7784, 8.2898, -6.3218

Details

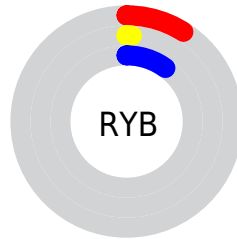
The Hex color **18031A** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **051A03**, and the grayscale version is **0C0C0C**.

A 20% lighter version of the original color is **423145**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **18001A**, and if you desaturate by 10%, it is **18061A**.

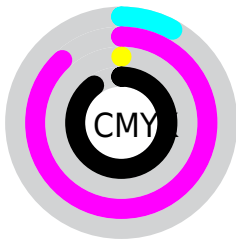
Distribution



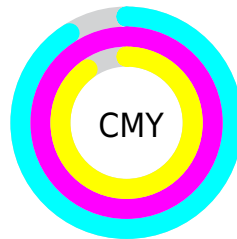
- Red (9%)
- Green (1%)
- Blue (10%)



- Red (9%)
- Yellow (1%)
- Blue (10%)



- Cyan (8%)
- Magenta (88%)
- Yellow (0%)
- Black (90%)



- Cyan (91%)
- Magenta (99%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18031A 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 18031A by changing the saturation by 10% instead.

 18031A

 18031A

 F9E4FD

 000000

 423145

 59485C

 726075

 8B798F

 A692A9

 C1ADC4

 DDC8E0

 18031A

 18031A

■ 18001A

■ 18061A

■ 18081A

■ 190B1A

■ 190D1A

■ 19101A

■ 19131A

■ 1A151A

■ 1A181A

■ 1A1A1A

Harmonies

Analogous

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



08081F



18031A



1F0010

Triad

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



18031A



140900



001314

Complementary

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



18031A



051A03

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.



001305



18031A



030E00

Square

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



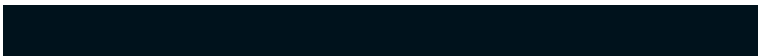
18031A



1D0300



001200



00121C

Rectangle

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



18031A



220005



001200



001310

Sweetspot

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



18031A



201821



03051A



110C12



919191



121212

Same Dimension

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



18031A



1E0021



1A0311



0D0B0D



46004D



BA00CC

Inverse Universe

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



1A0305



210003



031A0C



0D0B0C



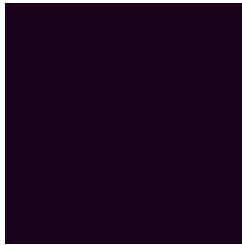
4D0007



CC0012

Previews

White Background



This preview shows how the Hex color 18031A looks on a white background.

Color Contrast Check

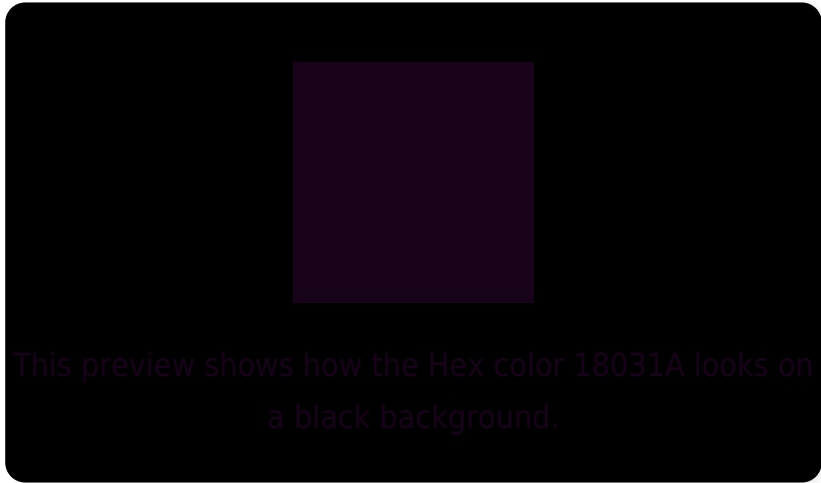
Large Text (above 18pt) WCAG AA ✓ Pass

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

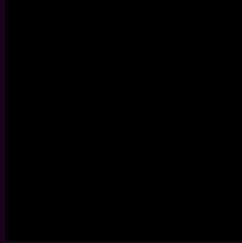
Any Text WCAG AA × Fail

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 18031A Background



This preview shows how black text looks on a background with the Hex color 18031A.



This preview shows how white text looks on a background with the Hex color 18031A.

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](#).

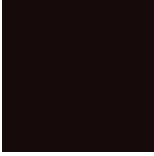
Dichromacy



Original Color
18031A

Protanopia
000E1D

Deuteranopia
060E18



Tritanopia
160A0B

Trichromacy



Original Color
18031A

Protanomaly
090A1C

Deuteranomaly
0D0A19

Tritanomaly
170710

Monochromacy



Original Color
18031A

Achromatopsia
0C0C0C

Achromatomaly
100911

CSS Examples

Text

The CSS property to change the color of the text to Hex 18031A 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 #18031A looks like.

```
.text, #text, p{  
    color:#18031A  
}
```

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 #18031A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18031A
}
```

Border

The CSS property to change the border of an element to Hex 18031A 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
#18031A }
```

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

```
.border{ border-color:#18031A }
```

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

Here you see how a box with a 4 pixel #18031A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18031A; -webkit-box-shadow:4px 4px  
4px 4px #18031A; box-shadow:4px 4px 4px  
4px #18031A }
```

Background

The CSS property to change the background color of an element to Hex 18031A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18031A }
```

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

```
.background{ background-color:#18031A }
```

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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