

Converting Colors

Hex(018231)

Have a look what the booklet for
Hex(018231) contains.

Hex(018231)	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(018231)

Conversions

Conversions Part 1

Format	Color
Hex	018231
RGB	1, 130, 49
RGB Percent	0%, 51%, 19%
CMY	0.9961, 0.4902, 0.8078
CMYK	0.99, 0.00, 0.62, 0.49
HSL	142°, 98%, 26%
HSV	142°, 99%, 51%
XYZ	8.5495, 16.1935, 5.5808
YIQ	82.1950, -50.8830, -52.5390

Conversions

Conversions Part 2

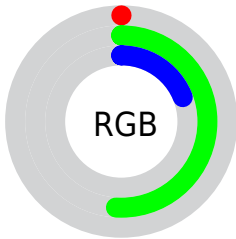
Format	Color
RYB	1, 95, 130
Decimal	98865
CIELab	47.23, -48.50, 34.72
CIELCh	47, 59.649, 144.403
Yxy	16.1935, 0.2819, 0.5340
Android (android.graphics.Color)	4278288945 (0xFF018231)
YUV	82.1950, -16.3651, -71.2080
Hunter-Lab	40.2411, -32.4983, 19.9462

Details

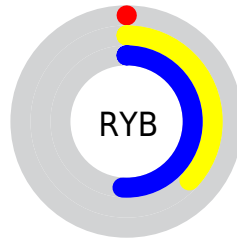
The Hex color **018231** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **820152**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **50B862**, and **004F00** is the 20% darker color. If you saturate the color by 10%, you get **008230**, and if you desaturate by 10%, it is **0E8239**.

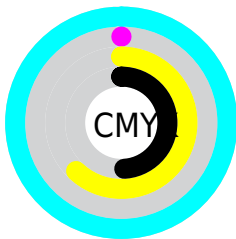
Distribution



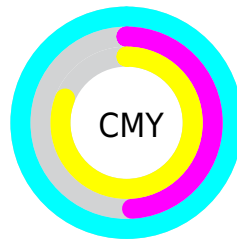
- Red (0%)
- Green (51%)
- Blue (19%)



- Red (0%)
- Yellow (37%)
- Blue (51%)



- Cyan (99%)
- Magenta (0%)
- Yellow (62%)
- Black (49%)





- Cyan (100%)
- Magenta (49%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 018231 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 018231 by changing the saturation by 10% instead.

 018231

 018231

FFFFFF

 006819

 50B862

 004F00

 6DD47C

 003700

 8AF196

 002100

 A6FFB1

 000000

 C3FFCD

 E0FFEA

FEFFFF

 018231

 018231

■ 008230

■ 0E8239

■ 1B8241

■ 288249

■ 358252

■ 42825A

■ 4F8262

■ 5C826A

■ 698272

■ 76827A

Harmonies

Analogous

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



5F7900



018231



008665

Triad

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



018231



0079D4



C73F4A

Complementary

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



018231



820152

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.



C43A7C



018231



5A67CC

Square

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



018231



0083C1



A34EAB



B3551B

Rectangle

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



018231



008788



A34EAB



C93A5A

Sweetspot

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



018231



76A889



538201



365441



D4D4D4



545454

Same Dimension

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



018231



00A83F



018271



39403C



00802F



000000

Inverse Universe

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



820152



A8006A



820112



40393D



800050



000000

Previews

White Background



This preview shows how the Hex color 018231 looks on a white background.

Color Contrast Check

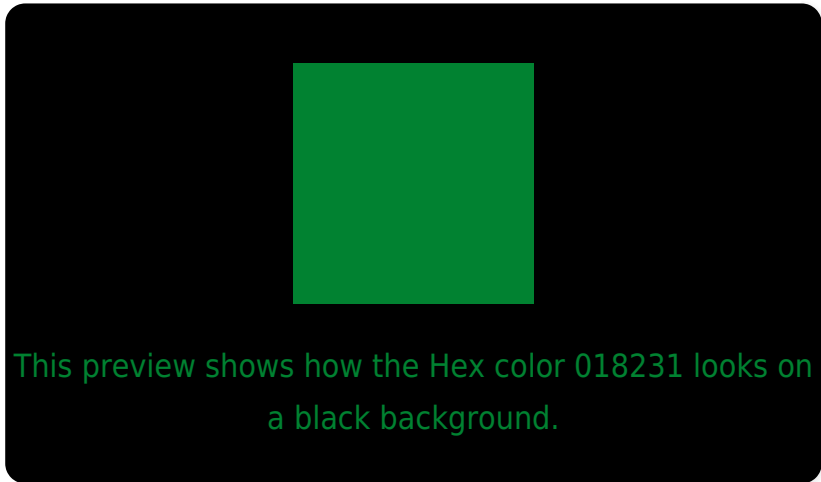
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 018231 Background



This preview shows how black text looks on a background with the Hex color 018231.



This preview shows how white text looks on a background with the Hex color 018231.

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
018231

Protanopia
7C702C

Deuteranopia
896A38



Tritanopia
347A84

Trichromacy



Original Color
018231



Protanomaly
4F772E



Deuteranomaly
587335



Tritanomaly
217D66

Monochromacy



Original Color
018231



Achromatopsia
525252



Achromatomaly
356346

CSS Examples

Text

The CSS property to change the color of the text to Hex 018231 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 #018231 looks like.

```
.text, #text, p{  
    color:#018231  
}
```

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 #018231 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #018231
}
```

Border

The CSS property to change the border of an element to Hex 018231 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
#018231 }
```

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

```
.border{ border-color:#018231 }
```

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

Here you see how a box with a 4 pixel #018231 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #018231; -webkit-box-shadow:4px 4px  
4px 4px #018231; box-shadow:4px 4px 4px  
4px #018231 }
```

Background

The CSS property to change the background color of an element to Hex 018231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#018231 }
```

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

```
.background{ background-color:#018231 }
```

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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