

Converting Colors

Hex(018810)

Have a look what the booklet for
Hex(018810) contains.

Hex(018810)	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(018810)

Conversions

Conversions Part 1

Format	Color
Hex	018810
RGB	1, 136, 16
RGB Percent	0%, 53%, 6%
CMY	0.9961, 0.4667, 0.9373
CMYK	0.99, 0.00, 0.88, 0.47
HSL	127°, 99%, 27%
HSV	127°, 99%, 53%
XYZ	8.9102, 17.6522, 3.4278
YIQ	81.9550, -41.9400, -65.9400

Conversions

Conversions Part 2

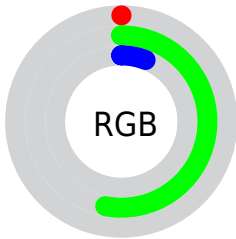
Format	Color
RYB	1, 123, 136
Decimal	100368
CIELab	49.07, -53.34, 49.04
CIELCh	49, 72.461, 137.407
Yxy	17.6522, 0.2971, 0.5886
Android (android.graphics.Color)	4278290448 (0xFF018810)
YUV	81.9550, -32.5158, -70.9975
Hunter-Lab	42.0145, -35.6701, 24.5729

Details

The Hex color **018810** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **880179**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **54BF49**, and **005400** is the 20% darker color. If you saturate the color by 10%, you get **00880F**, and if you desaturate by 10%, it is **0F881C**.

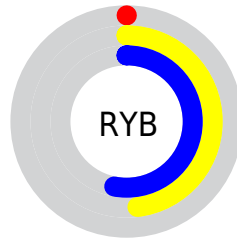
Distribution



Red (0%)

Green (53%)

Blue (6%)



Red (0%)

Yellow (48%)

Blue (53%)

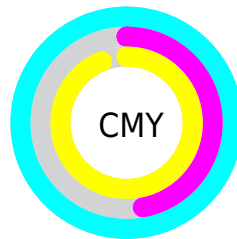


Cyan (99%)

Magenta (0%)

Yellow (88%)

Black (47%)



Cyan (100%)

Magenta (47%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 018810 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 018810 by changing the saturation by 10% instead.

 018810

 018810

FFFFFF

 006E00

 54BF49

 005400

 72DB63

 003C00

 8FF87E

 002600

 ACFF99

 000000

 C9FFB4

 E7FFD1

 FFFFED

 018810

 018810

■ 00880F

■ 0F881C

■ 1C8828

■ 2A8834

■ 378840

■ 45884C

■ 538859

■ 608865

■ 6E8871

■ 7B887D

Harmonies

Analogous

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



6C7D00



018810



008D58

Triad

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



018810



0084EE



DE2754

Complementary

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



018810



880179

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.



D32B91



018810



0C70EB

Square

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



018810



008DCF



A250C9



CB4A17

Rectangle

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



018810



008F83



A250C9



DE2168

Sweetspot

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



018810



7BB081



7B8801



39593D



D9D9D9



595959

Same Dimension

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



018810



00B014



018852



3E453F



00850F



000501

Inverse Universe

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



880179



B0009C



880137



453E44



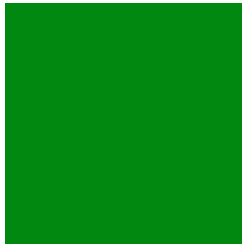
850076



050005

Previews

White Background



This preview shows how the Hex color 018810 looks on a white background.

Color Contrast Check

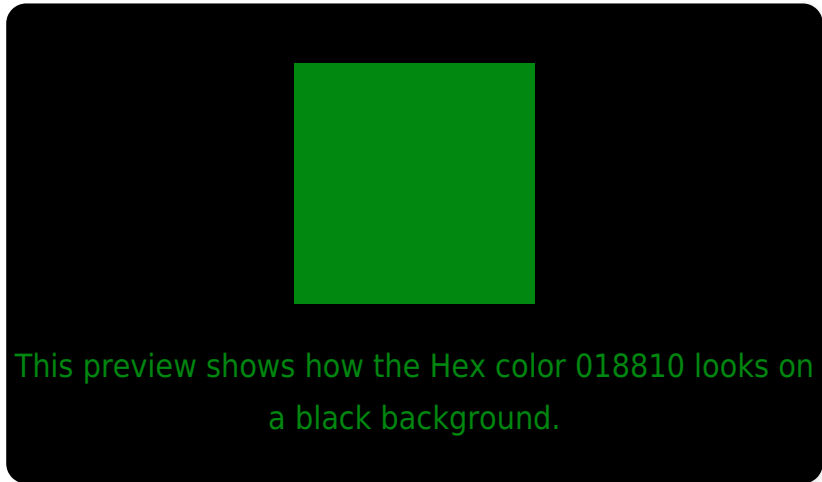
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 018810 Background



This preview shows how black text looks on a background with the Hex color 018810.



This preview shows how white text looks on a background with the Hex color 018810.

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
018810

Protanopia
837408

Deuteranopia
926E21



Tritanopia
397E89

Trichromacy



Original Color
018810



Protanomaly
547B0B



Deuteranomaly
5D771B



Tritanomaly
25825D

Monochromacy



Original Color
018810



Achromatopsia
525252



Achromatomaly
35663A

CSS Examples

Text

The CSS property to change the color of the text to Hex 018810 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 #018810 looks like.

```
.text, #text, p{  
    color:#018810  
}
```

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 #018810 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #018810
}
```

Border

The CSS property to change the border of an element to Hex 018810 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".

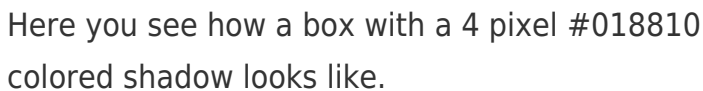
```
.border, #border, table{ border:4px solid
#018810 }
```

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

```
.border{ border-color:#018810 }
```

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

Here you see how a box with a 4 pixel #018810 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a solid green rectangle that is slightly offset from the bottom and right edges of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #018810 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #018810; -webkit-box-shadow:4px 4px  
4px 4px #018810; box-shadow:4px 4px 4px  
4px #018810 }
```

Background

The CSS property to change the background color of an element to Hex 018810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#018810 }
```

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

```
.background{ background-color:#018810 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor