

Converting Colors

Hex(18B834)

Have a look what the booklet for
Hex(18B834) contains.

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Color

Hex(18B834)

Conversions

Conversions Part 1

Format	Color
Hex	18B834
RGB	24, 184, 52
RGB Percent	9%, 72%, 20%
CMY	0.9059, 0.2784, 0.7961
CMYK	0.87, 0.00, 0.72, 0.28
HSL	130°, 77%, 41%
HSV	130°, 87%, 72%
XYZ	18.1370, 34.7231, 8.9951
YIQ	121.1120, -52.9880, -74.9720

Conversions

Conversions Part 2

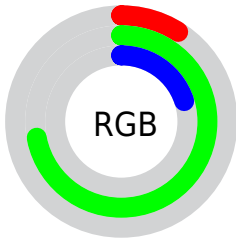
Format	Color
RYB	24, 160, 184
Decimal	1620020
CIELab	65.53, -63.57, 53.47
CIELCh	66, 83.070, 139.935
Yxy	34.7231, 0.2932, 0.5614
Android (android.graphics.Color)	4279810100 (0xFF18B834)
YUV	121.1120, -34.0722, -85.1672
Hunter-Lab	58.9263, -48.1803, 32.1978

Details

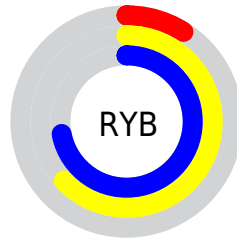
The Hex color **18B834** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **B8189C**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **67F16A**, and **008100** is the 20% darker color. If you saturate the color by 10%, you get **06B825**, and if you desaturate by 10%, it is **2AB843**.

Distribution



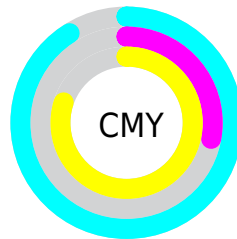
- Red (9%)
- Green (72%)
- Blue (20%)



- Red (9%)
- Yellow (63%)
- Blue (72%)



- Cyan (87%)
- Magenta (0%)
- Yellow (72%)
- Black (28%)



- Cyan (91%)
- Magenta (28%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18B834 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 18B834 by changing the saturation by 10% instead.

 18B834

 18B834

FFFFFF

 009C15

 67F16A

 008100

 87FF85

 006700

 A5FFA0

 004D00

 C3FFBC

 003600

 E2FFD9

 001C00

 FFFFF6

 000000

 18B834

 18B834

 06B825

 2AB843

 00B820

 3DB852

 4FB862

 62B871

 74B880

 86B88F

 99B89E

 ABB8AD

 BEB8BD

Harmonies

Analogous

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



90AA00



18B834



00BF83

Triad

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



18B834



00B0FF



FF4E71

Complementary

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



18B834



B8189C

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.



FF4DBC



18B834



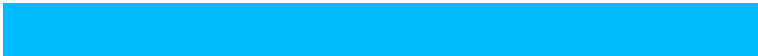
5C96FF

Square

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



18B834



00BCFF



DE71FF



FF712A

Rectangle

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



18B834



00C0B7



DE71FF



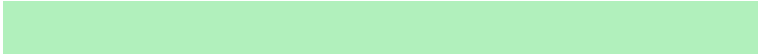
FF478A

Sweetspot

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



18B834



B1F0BC



9DB818



537859



F7F7F7



787878

Same Dimension

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



18B834



00F02A



18B883



535C54



009C1B



001C05

Inverse Universe

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



B8189C



F000C6



B8184D



5C535A



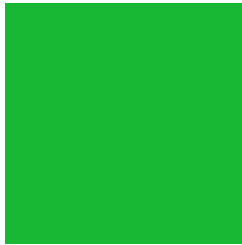
9C0080



1C0017

Previews

White Background



This preview shows how the Hex color 18B834 looks on a white background.

Color Contrast Check

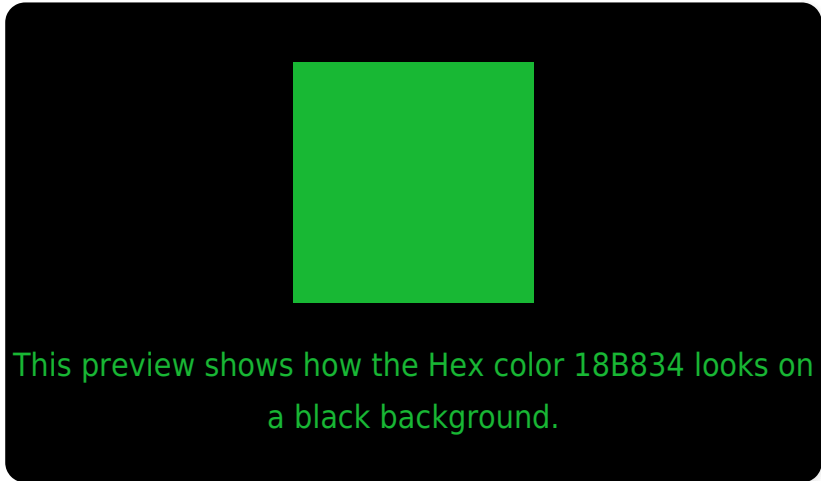
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 ✓ Pass

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

Hex 18B834 Background



This preview shows how black text looks on a background with the Hex color 18B834.



This preview shows how white text looks on a background with the Hex color 18B834.

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
18B834

Protanopia
B19E2D

Deuteranopia
C49640

Trichromacy



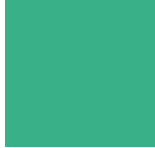
Original Color
18B834



Protanomaly
79A730



Deuteranomaly
85A23C



Tritanomaly
3AB089

Monochromacy



Original Color
18B834



Achromatopsia
797979



Achromatomaly
569060

CSS Examples

Text

The CSS property to change the color of the text to Hex 18B834 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 #18B834 looks like.

```
.text, #text, p{  
    color:#18B834  
}
```

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 #18B834 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18B834
}
```

Border

The CSS property to change the border of an element to Hex 18B834 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
#18B834 }
```

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

```
.border{ border-color:#18B834 }
```

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

Here you see how a box with a 4 pixel #18B834 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18B834; -webkit-box-shadow:4px 4px  
4px 4px #18B834; box-shadow:4px 4px 4px  
4px #18B834 }
```

Background

The CSS property to change the background color of an element to Hex 18B834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18B834 }
```

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

```
.background{ background-color:#18B834 }
```

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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