

# Converting Colors

Hex(18B13F)

Have a look what the booklet for  
Hex(18B13F) contains.

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**Color**

**Hex(18B13F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	18B13F
RGB	24, 177, 63
RGB Percent	9%, 69%, 25%
CMY	0.9059, 0.3059, 0.7529
CMYK	0.86, 0.00, 0.64, 0.31
HSL	135°, 76%, 39%
HSV	135°, 86%, 69%
XYZ	16.9960, 31.9974, 9.9830
YIQ	118.2570, -54.5940, -67.8900

# Conversions

## Conversions Part 2

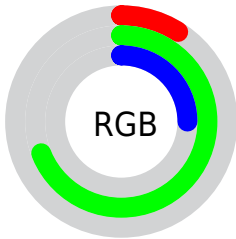
Format	Color
<a href="#">RYB</a>	<a href="#">24, 146, 177</a>
Decimal	<a href="#">1618239</a>
CIELab	<a href="#">63.34, -60.29, 46.61</a>
CIELCh	<a href="#">63, 76.210, 142.295</a>
Yxy	<a href="#">31.9974, 0.2882, 0.5425</a>
Android (android.graphics.Color)	<a href="#">4279808319</a> <a href="#">(0xFF18B13F)</a>
YUV	<a href="#">118.2570, -27.2417, -82.6634</a>
Hunter-Lab	<a href="#">56.5662, -45.3583, 29.1327</a>

# Details

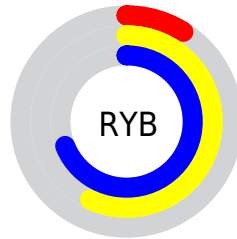
The Hex color **18B13F** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **B1188A**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **65EA73**, and **007B02** is the 20% darker color. If you saturate the color by 10%, you get **06B132**, and if you desaturate by 10%, it is **2AB14C**.

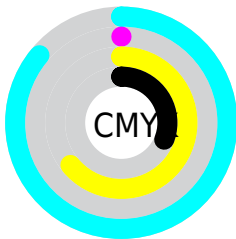
# Distribution



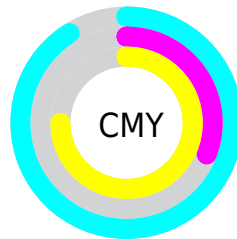
- Red (9%)
- Green (69%)
- Blue (25%)



- Red (9%)
- Yellow (57%)
- Blue (69%)



- Cyan (86%)
- Magenta (0%)
- Yellow (64%)
- Black (31%)



- Cyan (91%)
- Magenta (31%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 18B13F 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 18B13F by changing the saturation by 10% instead.



 18B13F

 18B13F

FFFFFF

 009624

 65EA73

 007B02

 84FF8E

 006100

 A2FFA9

 004700

 C0FFC5

 003100

 DEFFE2

 001400

 FCFFF

 000000

 18B13F

 18B13F

 06B132

 2AB14C

■ 00B12D

■ 3BB159

■ 4DB167

■ 5FB174

■ 70B181

■ 82B18E

■ 94B19B

■ A6B1A9

■ B7B1B6

# Harmonies

## Analogous

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



88A500



18B13F



00B785

# Triad

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



18B13F



00A7FF



FF556A

# Complementary

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



18B13F



B1188A

# 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.



FF51AE



18B13F



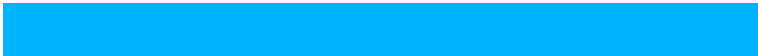
708FFF

# Square

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



18B13F



00B3FF



D96EED



F6732B

# Rectangle

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



18B13F



00B8B4



D96EED



FF4F80



# Sweetspot

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



18B13F



AAE6B9



8BB118



4F7358



F2F2F2



737373



# Same Dimension

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



18B13F



00E63A



18B18B



505953



009927



001A06



# Inverse Universe

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



B1188A



E600AB



B1183E



595057



990072

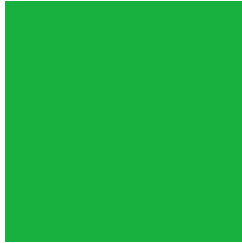


1A0013



# Previews

## White Background



This preview shows how the Hex color 18B13F 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



This preview shows how the Hex color 18B13F looks on a 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 18B13F Background



This preview shows how black text looks on a background with the Hex color 18B13F.

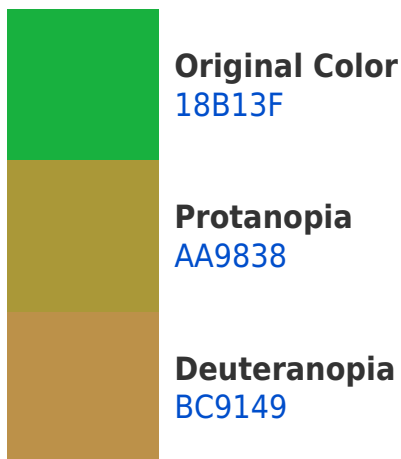


This preview shows how white text looks on a background with the Hex color 18B13F.

# 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





**Tritanopia**  
4AA6B3

# Trichromacy



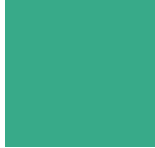
**Original Color**  
18B13F



**Protanomaly**  
75A13B



**Deuteranomaly**  
809D45



**Tritanomaly**  
38AA89

# Monochromacy



**Original Color**  
18B13F



**Achromatopsia**  
767676



**Achromatomaly**  
548B62

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 18B13F 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 #18B13F looks like.

```
.text, #text, p{  
    color:#18B13F  
}
```

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 #18B13F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18B13F
}
```

## Border

The CSS property to change the border of an element to Hex 18B13F 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
#18B13F }
```

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

```
.border{ border-color:#18B13F }
```

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

Here you see how a box with a 4 pixel #18B13F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18B13F; -webkit-box-shadow:4px 4px  
4px 4px #18B13F; box-shadow:4px 4px 4px  
4px #18B13F }
```

# Background

The CSS property to change the background color of an element to Hex 18B13F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18B13F }
```

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

```
.background{ background-color:#18B13F }
```

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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