

Converting Colors

Hex(18B375)

Have a look what the booklet for
Hex(18B375) contains.

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Color

Hex(18B375)

Conversions

Conversions Part 1

Format	Color
Hex	18B375
RGB	24, 179, 117
RGB Percent	9%, 70%, 46%
CMY	0.9059, 0.2980, 0.5412
CMYK	0.87, 0.00, 0.35, 0.30
HSL	156°, 76%, 40%
HSV	156°, 87%, 70%
XYZ	19.7077, 33.7187, 22.2993
YIQ	125.5870, -72.4780, -52.1420

Conversions

Conversions Part 2

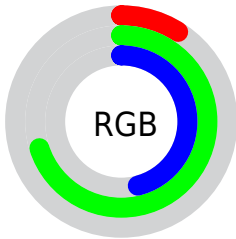
Format	Color
RYB	24, 121, 179
Decimal	1618805
CIELab	64.74, -52.07, 21.32
CIELCh	65, 56.266, 157.739
Yxy	33.7187, 0.2603, 0.4453
Android (android.graphics.Color)	4279808885 (0xFF18B375)
YUV	125.5870, -4.2334, -89.0918
Hunter-Lab	58.0678, -41.0375, 17.8789

Details

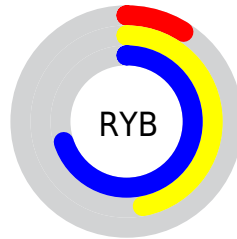
The Hex color **18B375** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **B31856**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **64ECA9**, and **007D44** is the 20% darker color. If you saturate the color by 10%, you get **06B36E**, and if you desaturate by 10%, it is **2AB37C**.

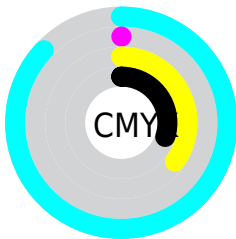
Distribution



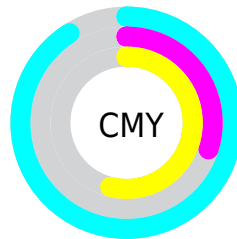
- Red (9%)
- Green (70%)
- Blue (46%)



- Red (9%)
- Yellow (47%)
- Blue (70%)



- Cyan (87%)
- Magenta (0%)
- Yellow (35%)
- Black (30%)



- Cyan (91%)
- Magenta (30%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18B375 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 18B375 by changing the saturation by 10% instead.

 18B375

 18B375

FFFFFF

 00985C

 64ECA9

 007D44

 83FFC5

 00632D

 A1FFE1

 004A17

 BFFFFE

 003200

 DDFFFF

 001900

 FBFFFF

 000000

 18B375

 18B375

 06B36E

 2AB37C

■ 00B36B

■ 3CB383

■ 4EB38A

■ 60B392

■ 71B399

■ 83B3A0

■ 95B3A7

■ A7B3AE

■ B9B3B5

Harmonies

Analogous

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



77AC49



18B375



00B6A9

Triad

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



18B375



539EFF



F37A62

Complementary

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



18B375



B31856

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.



F96F92



18B375



B18AED

Square

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



18B375



00ACFA



E477C4



D78D3E

Rectangle

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



18B375



00B5CA



E477C4



F87571

Sweetspot

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



18B375



ACE8D0



56B318



517567



F5F5F5



757575

Same Dimension

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



18B375



00E88B



18A3B3



505956



00995C



001A0F

Inverse Universe

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



B31856



E8005D



B32718



595054



99003D



1A000A

Previews

White Background



This preview shows how the Hex color 18B375 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 18B375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

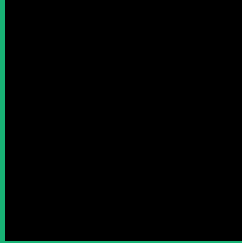
Any Text WCAG AA ✓ Pass

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 18B375 Background



This preview shows how black text looks on a background with the Hex color 18B375.



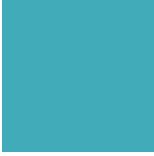
This preview shows how white text looks on a background with the Hex color 18B375.

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
42ABB9

Trichromacy



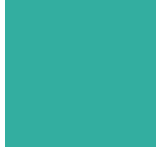
Original Color
18B375



Protanomaly
74A46F



Deuteranomaly
7DA179



Tritanomaly
33AEA0

Monochromacy



Original Color
18B375



Achromatopsia
7E7E7E



Achromatomaly
59917B

CSS Examples

Text

The CSS property to change the color of the text to Hex 18B375 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 #18B375 looks like.

```
.text, #text, p{  
    color:#18B375  
}
```

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 #18B375 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18B375
}
```

Border

The CSS property to change the border of an element to Hex 18B375 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
#18B375 }
```

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

```
.border{ border-color:#18B375 }
```

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

Here you see how a box with a 4 pixel #18B375 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18B375; -webkit-box-shadow:4px 4px  
4px 4px #18B375; box-shadow:4px 4px 4px  
4px #18B375 }
```

Background

The CSS property to change the background color of an element to Hex 18B375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18B375 }
```

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

```
.background{ background-color:#18B375 }
```

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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