

Converting Colors

Hex(18C64E)

Have a look what the booklet for
Hex(18C64E) contains.

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Color

Hex(18C64E)

Conversions

Conversions Part 1

Format	Color
Hex	18C64E
RGB	24, 198, 78
RGB Percent	9%, 78%, 31%
CMY	0.9059, 0.2235, 0.6941
CMYK	0.88, 0.00, 0.61, 0.22
HSL	139°, 78%, 44%
HSV	139°, 88%, 78%
XYZ	21.9459, 41.1324, 13.9904
YIQ	132.2940, -65.1840, -74.2080

Conversions

Conversions Part 2

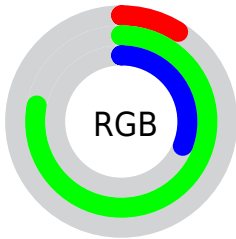
Format	Color
RYB	24, 157, 198
Decimal	1623630
CIELab	70.27, -65.10, 47.82
CIElCh	70, 80.777, 143.704
Yxy	41.1324, 0.2848, 0.5337
Android (android.graphics.Color)	4279813710 (0xFF18C64E)
YUV	132.2940, -26.7669, -94.9738
Hunter-Lab	64.1346, -51.1554, 31.9606

Details

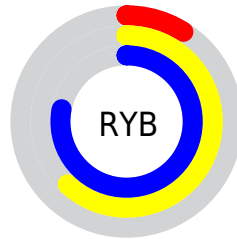
The Hex color **18C64E** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **C61890**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **6AFF83**, and **008E17** is the 20% darker color. If you saturate the color by 10%, you get **04C640**, and if you desaturate by 10%, it is **2CC65C**.

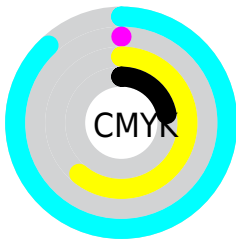
Distribution



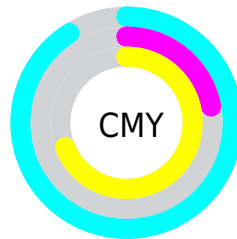
- Red (9%)
- Green (78%)
- Blue (31%)



- Red (9%)
- Yellow (62%)
- Blue (78%)



- Cyan (88%)
- Magenta (0%)
- Yellow (61%)
- Black (22%)



- Cyan (91%)
- Magenta (22%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18C64E 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 18C64E by changing the saturation by 10% instead.

 18C64E

 18C64E

FFFFFF

 00AA34

 6AFF83

 008E17

 8AFF9E

 007400

 A9FFBA

 005A00

 C7FFD6

 004100

 E6FFF3

 002900

 000200

 000000

 18C64E

 18C64E

 04C640

 2CC65C

 00C63D

 40C669

 53C677

 67C685

 7BC692

 8FC6A0

 A3C6AE

 B6C6BB

 CAC6C9

Harmonies

Analogous

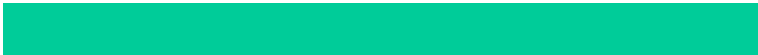
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95B900



18C64E



00CC99

Triad

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



18C64E



00B9FF



FF6476

Complementary

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



18C64E



C61890

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.



FF5EBF



18C64E



889FFF

Square

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



18C64E



00C8FF



F47CFF



FF8432

Rectangle

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



18C64E



00CDCD



F47CFF



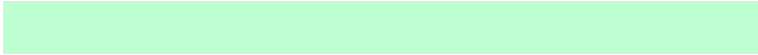
FF5E8D

Sweetspot

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



18C64E



BDFFD1



92C618



588064



000000



808080

Same Dimension

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



18C64E



00FF4F



18C6A3



5A635D



00A333



00240B

Inverse Universe

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



C61890



FF00B0



C6183B



635A60



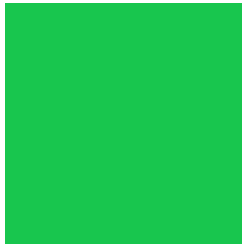
A30071



240019

Previews

White Background



This preview shows how the Hex color 18C64E 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 18C64E 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 18C64E Background



This preview shows how black text looks on a background with the Hex color 18C64E.

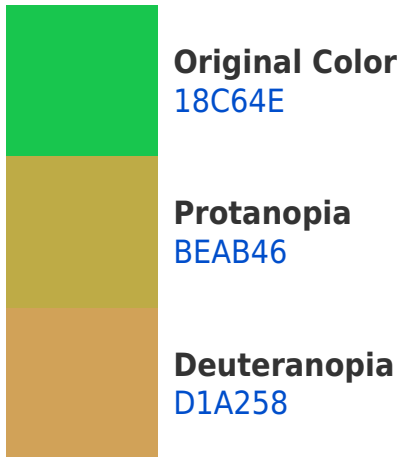


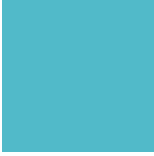
This preview shows how white text looks on a background with the Hex color 18C64E.

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
51BAC9

Trichromacy



Original Color
18C64E



Protanomaly
82B549



Deuteranomaly
8EAF54



Tritanomaly
3CBE9C

Monochromacy



Original Color
18C64E



Achromatopsia
848484



Achromatomaly
5D9C70

CSS Examples

Text

The CSS property to change the color of the text to Hex 18C64E 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 #18C64E looks like.

```
.text, #text, p{  
    color:#18C64E  
}
```

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 #18C64E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18C64E
}
```

Border

The CSS property to change the border of an element to Hex 18C64E 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
#18C64E }
```

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

```
.border{ border-color:#18C64E }
```

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

Here you see how a box with a 4 pixel #18C64E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18C64E; -webkit-box-shadow:4px 4px  
4px 4px #18C64E; box-shadow:4px 4px 4px  
4px #18C64E }
```

Background

The CSS property to change the background color of an element to Hex 18C64E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18C64E }
```

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

```
.background{ background-color:#18C64E }
```

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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