

Converting Colors

Hex(1C8145)

Have a look what the booklet for
Hex(1C8145) contains.

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Color

Hex(1C8145)

Conversions

Conversions Part 1

Format	Color
Hex	1C8145
RGB	28, 129, 69
RGB Percent	11%, 51%, 27%
CMY	0.8902, 0.4941, 0.7294
CMYK	0.78, 0.00, 0.47, 0.49
HSL	144°, 64%, 31%
HSV	144°, 78%, 51%
XYZ	9.4033, 16.3771, 8.2957
YIQ	91.9610, -40.9360, -40.0720

Conversions

Conversions Part 2

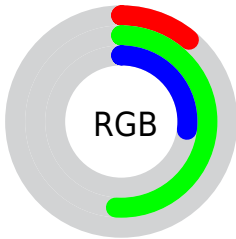
Format	Color
RYB	28, 100, 129
Decimal	1868101
CIELab	47.47, -42.31, 24.64
CIELCh	47, 48.957, 149.786
Yxy	16.3771, 0.2760, 0.4806
Android (android.graphics.Color)	4280058181 (0xFF1C8145)
YUV	91.9610, -11.3198, -56.0938
Hunter-Lab	40.4686, -29.3436, 16.1741

Details

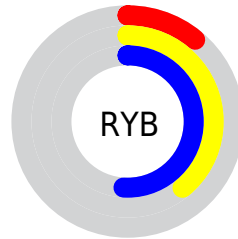
The Hex color **1C8145** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **811C58**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **59B776**, and **004E18** is the 20% darker color. If you saturate the color by 10%, you get **0F813D**, and if you desaturate by 10%, it is **29814D**.

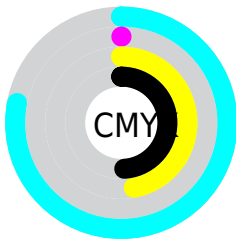
Distribution



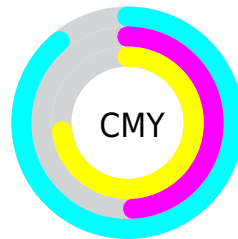
- Red (11%)
- Green (51%)
- Blue (27%)



- Red (11%)
- Yellow (39%)
- Blue (51%)



- Cyan (78%)
- Magenta (0%)
- Yellow (47%)
- Black (49%)



- Cyan (89%)
- Magenta (49%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C8145 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 1C8145 by changing the saturation by 10% instead.



1C8145



1C8145

FFFFFF



00672E



59B776



004E18



75D390



003600



91EFAB



002100



ADFFC6



000000



CAFFE2



E7FFFF



1C8145



1C8145



0F813D



29814D

■ 028136

■ 368154

■ 008134

■ 43815C

■ 508164

■ 5D816B

■ 698173

■ 76817B

■ 838182

■ 90818A

Harmonies

Analogous

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



5D7A22



1C8145



00846F

Triad

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



1C8145



0075C3



B94F4A

Complementary

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



1C8145



811C58

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.



B94973



1C8145



7066B8

Square

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



1C8145



007FB7



A2549B



A65F28

Rectangle

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



1C8145



00848B



A2549B



BB4B57

Sweetspot

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



1C8145



82A891



59811C



3D5446



D4D4D4



545454

Same Dimension

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



1C8145



0AA84A



1C8177



39403C



008034



000000

Inverse Universe

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



811C58



A80A68



811C26



40393D



80004C



000000

Previews

White Background



This preview shows how the Hex color 1C8145 looks on a white background.

Color Contrast Check

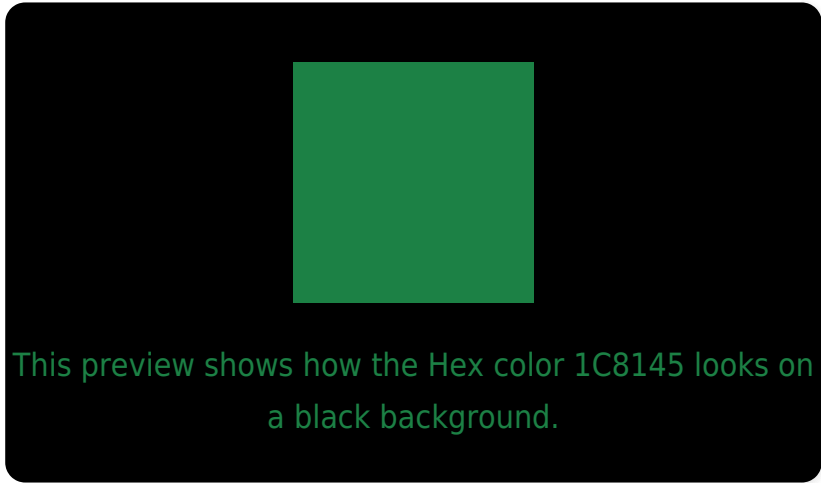
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 1C8145 Background



This preview shows how black text looks on a background with the Hex color 1C8145.



This preview shows how white text looks on a background with the Hex color 1C8145.

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
1C8145

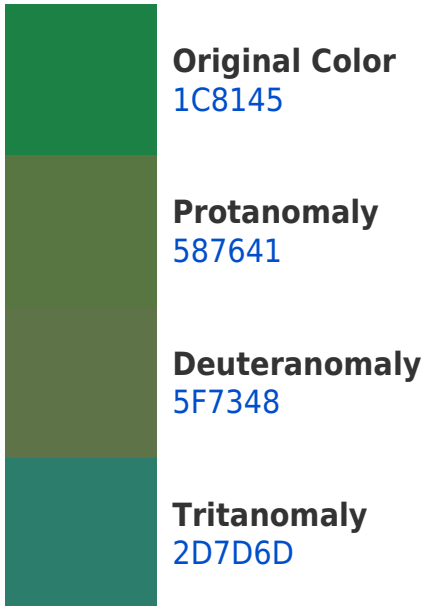
Protanopia
7B703F

Deuteranopia
866B4A

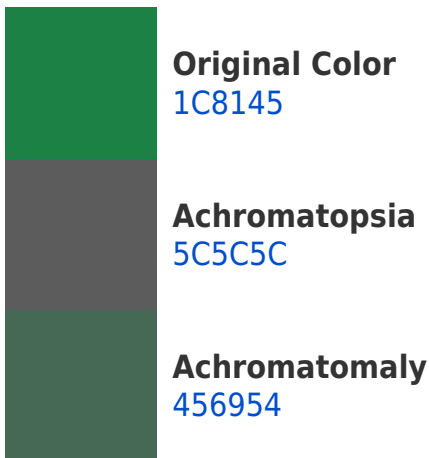


Tritanopia
377A84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1C8145 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 #1C8145 looks like.

```
.text, #text, p{  
    color:#1C8145  
}
```

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 #1C8145 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C8145
}
```

Border

The CSS property to change the border of an element to Hex 1C8145 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
#1C8145 }
```

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

```
.border{ border-color:#1C8145 }
```

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

Here you see how a box with a 4 pixel #1C8145 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C8145; -webkit-box-shadow:4px 4px  
4px 4px #1C8145; box-shadow:4px 4px 4px  
4px #1C8145 }
```

Background

The CSS property to change the background color of an element to Hex 1C8145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C8145 }
```

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

```
.background{ background-color:#1C8145 }
```

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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