

Converting Colors

Hex(1C8745)

Have a look what the booklet for
Hex(1C8745) contains.

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Color

Hex(1C8745)

Conversions

Conversions Part 1

Format	Color
Hex	1C8745
RGB	28, 135, 69
RGB Percent	11%, 53%, 27%
CMY	0.8902, 0.4706, 0.7294
CMYK	0.79, 0.00, 0.49, 0.47
HSL	143°, 66%, 32%
HSV	143°, 79%, 53%
XYZ	10.2170, 18.0045, 8.5669
YIQ	95.4830, -42.5860, -43.2100

Conversions

Conversions Part 2

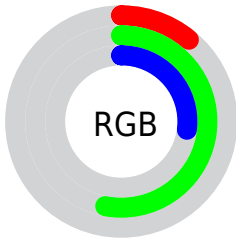
Format	Color
R_{YB}	28, 105, 135
Decimal	1869637
CIE _{Lab}	49.50, -44.60, 27.23
CIE _{LCh}	50, 52.254, 148.589
Yxy	18.0045, 0.2777, 0.4894
Android (android.graphics.Color)	4280059717 (0xFF1C8745)
YUV	95.4830, -13.0561, -59.1826
Hunter-Lab	42.4317, -31.2748, 17.7316

Details

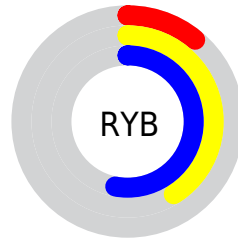
The Hex color **1C8745** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **871C5E**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **5BBD76**, and **005417** is the 20% darker color. If you saturate the color by 10%, you get **0E873D**, and if you desaturate by 10%, it is **29874D**.

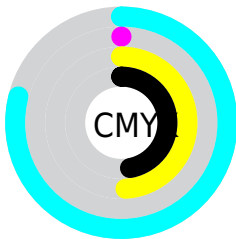
Distribution



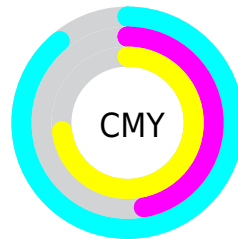
- Red (11%)
- Green (53%)
- Blue (27%)



- Red (11%)
- Yellow (41%)
- Blue (53%)



- Cyan (79%)
- Magenta (0%)
- Yellow (49%)
- Black (47%)



- Cyan (89%)
- Magenta (47%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C8745 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 1C8745 by changing the saturation by 10% instead.

 1C8745

 1C8745

FFFFFF

 006D2E

 5BBD76

 005417

 77D990

 003C00

 93F6AB

 002700

 B0FFC7

 000000

 CDFFE3

 EAFFFF

 1C8745

 1C8745

 0E873D

 29874D

■ 018734

■ 378756

■ 008734

■ 44875E

■ 528766

■ 5F876F

■ 6D8777

■ 7A877F

■ 888788

■ 968790

Harmonies

Analogous

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



627F1F



1C8745



008A72

Triad

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



1C8745



007BCF



C3504E

Complementary

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



1C8745



871C5E

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.



C34B7A



1C8745



726BC4

Square

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



1C8745



0086C1



A957A5



B06229

Rectangle

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



1C8745



008B91



A957A5



C64D5C

Sweetspot

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



1C8745



86B096



60871C



3F5949



D9D9D9



595959

Same Dimension

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



1C8745



09B049



1C8779



3C423E



008232



000301

Inverse Universe

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



871C5E



B00970



871C2A



423C40



820050



030002

Previews

White Background



This preview shows how the Hex color 1C8745 looks on a white background.

Color Contrast Check

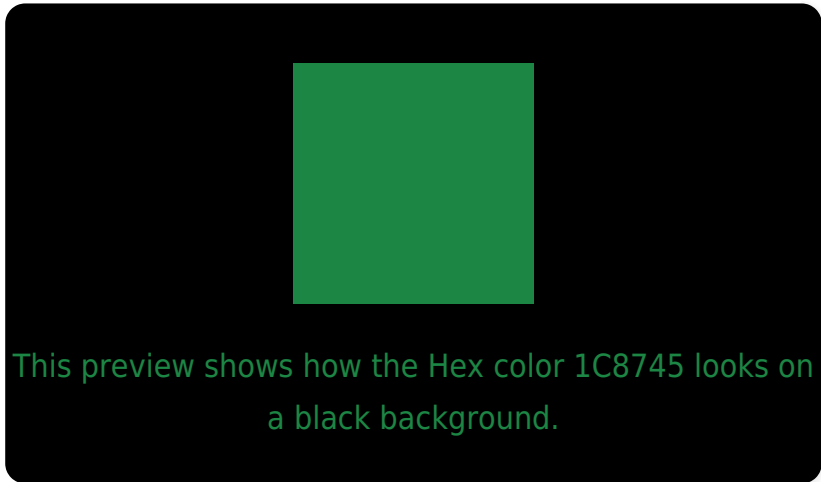
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 1C8745 Background



This preview shows how black text looks on a background with the Hex color 1C8745.



This preview shows how white text looks on a background with the Hex color 1C8745.

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
1C8745

Protanopia
81753F

Deuteranopia
8D704B



Tritanopia
397F8A

Trichromacy



Original Color
1C8745



Protanomaly
5C7C41



Deuteranomaly
647849



Tritanomaly
2E8271

Monochromacy



Original Color
1C8745



Achromatopsia
5F5F5F



Achromatomaly
476E56

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C8745 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 #1C8745 looks like.

```
.text, #text, p{  
    color:#1C8745  
}
```

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 #1C8745 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C8745
}
```

Border

The CSS property to change the border of an element to Hex 1C8745 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
#1C8745 }
```

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

```
.border{ border-color:#1C8745 }
```

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

Here you see how a box with a 4 pixel #1C8745 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C8745; -webkit-box-shadow:4px 4px  
4px 4px #1C8745; box-shadow:4px 4px 4px  
4px #1C8745 }
```

Background

The CSS property to change the background color of an element to Hex 1C8745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C8745 }
```

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

```
.background{ background-color:#1C8745 }
```

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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