

Converting Colors

Hex(1C8535)

Have a look what the booklet for
Hex(1C8535) contains.

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Color

Hex(1C8535)

Conversions

Conversions Part 1

Format	Color
Hex	1C8535
RGB	28, 133, 53
RGB Percent	11%, 52%, 21%
CMY	0.8902, 0.4784, 0.7922
CMYK	0.79, 0.00, 0.60, 0.48
HSL	134°, 65%, 32%
HSV	134°, 79%, 52%
XYZ	9.5090, 17.2790, 6.2022
YIQ	92.4850, -36.9000, -47.1400

Conversions

Conversions Part 2

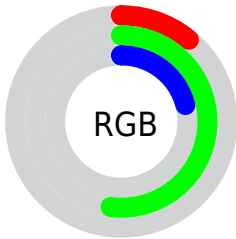
Format	Color
R_{YB}	28, 113, 133
Decimal	1869109
CIE _{Lab}	48.61, -46.38, 34.44
CIE _{LCh}	49, 57.767, 143.399
Yxy	17.2790, 0.2882, 0.5238
Android (android.graphics.Color)	4280059189 (0xFF1C8535)
YUV	92.4850, -19.4661, -56.5533
Hunter-Lab	41.5680, -31.9106, 20.2512

Details

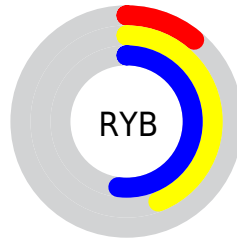
The Hex color **1C8535** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **851C6C**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **5BB666**, and **005202** is the 20% darker color. If you saturate the color by 10%, you get **0F852B**, and if you desaturate by 10%, it is **29853F**.

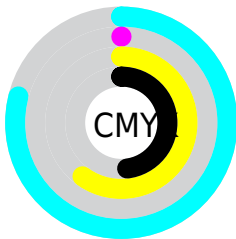
Distribution



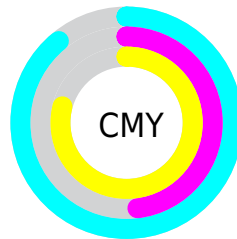
- Red (11%)
- Green (52%)
- Blue (21%)



- Red (11%)
- Yellow (44%)
- Blue (52%)



- Cyan (79%)
- Magenta (0%)
- Yellow (60%)
- Black (48%)



- Cyan (89%)
- Magenta (48%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C8535 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 1C8535 by changing the saturation by 10% instead.



1C8535



1C8535

FFFFFF



006B1D



5BBB66



005202



77D780



003A00



93F49A



002400



B0FFB6



000000



CDFFD2



EAFEE



1C8535



1C8535



0F852B



29853F

018521

378549

008520

448553

51855E

5F8568

6C8572

79857C

868586

948590

Harmonies

Analogous

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



667C01



1C8535



008967

Triad

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



1C8535



007CD5



C94550

Complementary

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



1C8535



851C6C

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.



C54280



1C8535



5C6BCE

Square

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



1C8535



0086C1



A354AE



B75924

Rectangle

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



1C8535



008A89



A354AE



CB4160

Sweetspot

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



1C8535



84AD8E



6D851C



3E5744



D6D6D6



575757

Same Dimension

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



1C8535



09AD30



1C8569



3C423D



00821F



000301

Inverse Universe

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



851C6C



AD0986



851C38



423C41



820063



030002

Previews

White Background



This preview shows how the Hex color 1C8535 looks on a white background.

Color Contrast Check

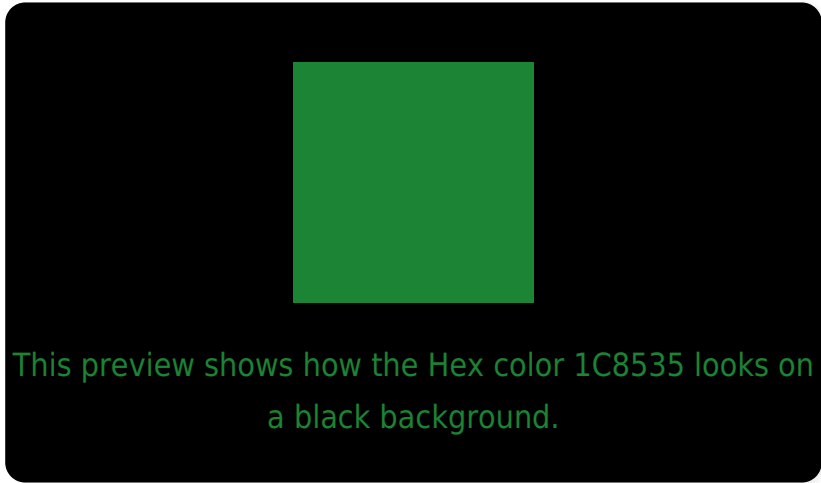
Large Text (above 18pt) WCAG AA ✓ Pass

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

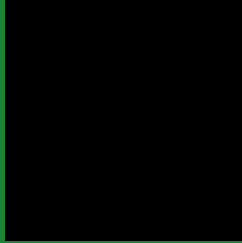
Any Text WCAG AA × Fail

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 1C8535 Background



This preview shows how black text looks on a background with the Hex color 1C8535.



This preview shows how white text looks on a background with the Hex color 1C8535.

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
1C8535

Protanopia
807330

Deuteranopia
8D6D3C



Tritanopia
3A7D87

Trichromacy



Original Color
1C8535



Protanomaly
5C7A32



Deuteranomaly
647639



Tritanomaly
2F8069

Monochromacy



Original Color
1C8535



Achromatopsia
5C5C5C



Achromatomaly
456B4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C8535 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 #1C8535 looks like.

```
.text, #text, p{  
    color:#1C8535  
}
```

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 #1C8535 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C8535
}
```

Border

The CSS property to change the border of an element to Hex 1C8535 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
#1C8535 }
```

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

```
.border{ border-color:#1C8535 }
```

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

Here you see how a box with a 4 pixel #1C8535 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C8535; -webkit-box-shadow:4px 4px  
4px 4px #1C8535; box-shadow:4px 4px 4px  
4px #1C8535 }
```

Background

The CSS property to change the background color of an element to Hex 1C8535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C8535 }
```

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

```
.background{ background-color:#1C8535 }
```

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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