

Converting Colors

Hex(1D8530)

Have a look what the booklet for
Hex(1D8530) contains.

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Color

Hex(1D8530)

Conversions

Conversions Part 1

Format	Color
Hex	1D8530
RGB	29, 133, 48
RGB Percent	11%, 52%, 19%
CMY	0.8863, 0.4784, 0.8118
CMYK	0.78, 0.00, 0.64, 0.48
HSL	131°, 64%, 32%
HSV	131°, 78%, 52%
XYZ	9.4277, 17.2497, 5.6289
YIQ	92.2140, -34.6990, -48.4830

Conversions

Conversions Part 2

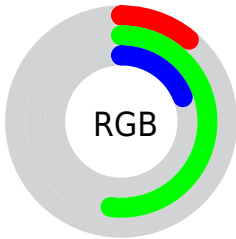
Format	Color
R_YB	29, 117, 133
Decimal	1934640
CIE Lab	48.57, -46.88, 36.83
CIE LCh	49, 59.617, 141.848
Yxy	17.2497, 0.2918, 0.5339
Android (android.graphics.Color)	4280124720 (0xFF1D8530)
YUV	92.2140, -21.7975, -55.4387
Hunter-Lab	41.5327, -32.1636, 21.0373

Details

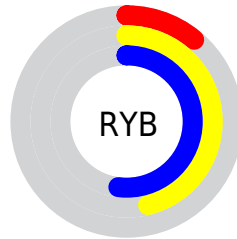
The Hex color **1D8530** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **851D72**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **5CBB61**, and **005200** is the 20% darker color. If you saturate the color by 10%, you get **108525**, and if you desaturate by 10%, it is **2A853B**.

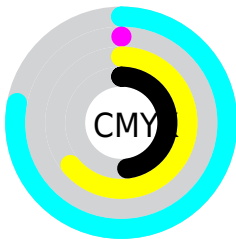
Distribution



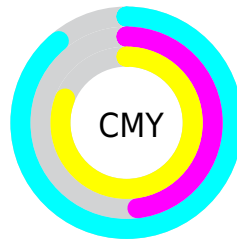
- Red (11%)
- Green (52%)
- Blue (19%)



- Red (11%)
- Yellow (46%)
- Blue (52%)



- Cyan (78%)
- Magenta (0%)
- Yellow (64%)
- Black (48%)



- Cyan (89%)
- Magenta (48%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D8530 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 1D8530 by changing the saturation by 10% instead.

 1D8530

 1D8530

FFFFFF

 006B17

 5CBB61

 005200

 78D77B

 003A00

 94F496

 002400

 B1FFB1

 000000

 CEFFCD

 EBFEE9

 1D8530

 1D8530

 108525

 2A853B

■ 02851A

■ 388546

■ 008518

■ 458551

■ 52855B

■ 5F8566

■ 6D8571

■ 7A857C

■ 878587

■ 958592

Harmonies

Analogous

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



687C00



1D8530



008963

Triad

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



1D8530



007DD8



CC4251

Complementary

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



1D8530



851D72

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.



C63F83



1D8530



546CD2

Square

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



1D8530



0087C2



A254B2



B95723

Rectangle

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



1D8530



008A87



A254B2



CD3E62

Sweetspot

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



1D8530



86AD8D



74851D



3E5743



D6D6D6



575757

Same Dimension

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



1D8530



0AAD28



1D8562



3C423D



008218



000300

Inverse Universe

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



851D72



AD0A90



851D40



423C41



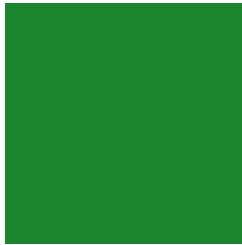
82006A



030002

Previews

White Background



This preview shows how the Hex color 1D8530 looks on a white background.

Color Contrast Check

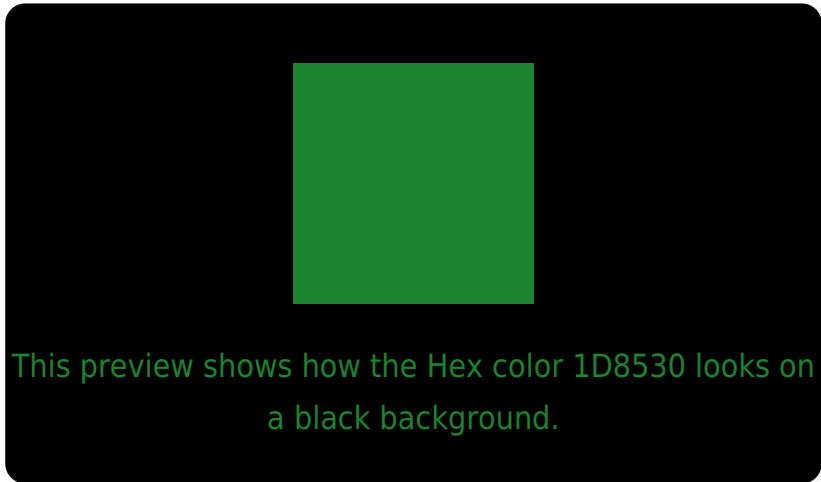
Large Text (above 18pt) WCAG AA ✓ Pass

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 1D8530 Background



This preview shows how black text looks on a background with the Hex color 1D8530.



This preview shows how white text looks on a background with the Hex color 1D8530.

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
1D8530

Protanopia
80732B

Deuteranopia
8D6D37



Tritanopia
3B7C87

Trichromacy



Original Color
1D8530



Protanomaly
5C7A2D



Deuteranomaly
647634



Tritanomaly
307F67

Monochromacy



Original Color
1D8530



Achromatopsia
5C5C5C



Achromatomaly
456B4C

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D8530 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 #1D8530 looks like.

```
.text, #text, p{  
    color:#1D8530  
}
```

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 #1D8530 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D8530
}
```

Border

The CSS property to change the border of an element to Hex 1D8530 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
#1D8530 }
```

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

```
.border{ border-color:#1D8530 }
```

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

Here you see how a box with a 4 pixel #1D8530 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D8530; -webkit-box-shadow:4px 4px  
4px 4px #1D8530; box-shadow:4px 4px 4px  
4px #1D8530 }
```

Background

The CSS property to change the background color of an element to Hex 1D8530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D8530 }
```

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

```
.background{ background-color:#1D8530 }
```

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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