

Converting Colors

Hex(1D8F41)

Have a look what the booklet for
Hex(1D8F41) contains.

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Color

Hex(1D8F41)

Conversions

Conversions Part 1

Format	Color
Hex	1D8F41
RGB	29, 143, 65
RGB Percent	11%, 56%, 25%
CMY	0.8863, 0.4392, 0.7451
CMYK	0.80, 0.00, 0.55, 0.44
HSL	139°, 66%, 34%
HSV	139°, 80%, 56%
XYZ	11.2833, 20.2878, 8.3223
YIQ	100.0220, -42.9060, -48.4260

Conversions

Conversions Part 2

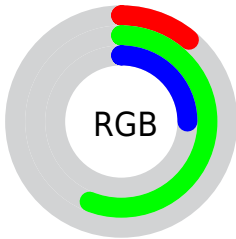
Format	Color
R_{YB}	29, 116, 143
Decimal	1937217
CIE _{Lab}	52.16, -48.06, 32.64
CIE _{LCh}	52, 58.098, 145.817
Yxy	20.2878, 0.2828, 0.5086
Android (android.graphics.Color)	4280127297 (0xFF1D8F41)
YUV	100.0220, -17.2658, -62.2863
Hunter-Lab	45.0420, -34.1081, 20.5745




Details

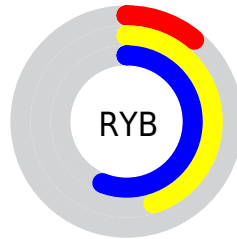
The Hex color **1D8F41** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8F1D6B**, and the grayscale version is **646464**.




A 20% lighter version of the original color is **5EC673**, and **005B11** is the 20% darker color. If you saturate the color by 10%, you get **0F8F37**, and if you desaturate by 10%, it is **2B8F4B**.

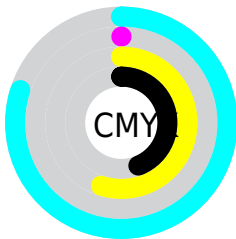
Distribution







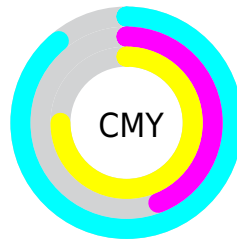
-  Red (11%)
-  Green (56%)
-  Blue (25%)






-  Red (11%)
-  Yellow (45%)
-  Blue (56%)



-  Cyan (80%)
-  Magenta (0%)
-  Yellow (55%)
-  Black (44%)



-  Cyan (89%)
-  Magenta (44%)
-  Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D8F41 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 1D8F41 by changing the saturation by 10% instead.



1D8F41



1D8F41

FFFFFF



007529



5EC673



005B11



7AE28D



004300



97FFA8



002D00



B3FFC3



000E00



D1FFDF



000000



EEFFFC



1D8F41



1D8F41



0F8F37



2B8F4B

■ 008F2D

■ 3A8F55

■ 488F5E

■ 568F68

■ 658F72

■ 738F7C

■ 818F85

■ 8F8F8F

■ 9E8F99

Harmonies

Analogous

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



6B8613



1D8F41



009374

Triad

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



1D8F41



0084E0



D45054

Complementary

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



1D8F41



8F1D6B

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.



D14B86



1D8F41



6E72D7

Square

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



1D8F41



008FCE



B25BB5



BF6428

Rectangle

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



1D8F41



009496



B25BB5



D64C64

Sweetspot

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



1D8F41



8DBA9C



6D8F1D



435E4C



DEDEDE



5E5E5E

Same Dimension

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



1D8F41



07BA40



1D8F78



404743



00872B



000802

Inverse Universe

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



8F1D6B



BA0782



8F1D34



474045



87005C



080005

Previews

White Background



This preview shows how the Hex color 1D8F41 looks on a white background.

Color Contrast Check

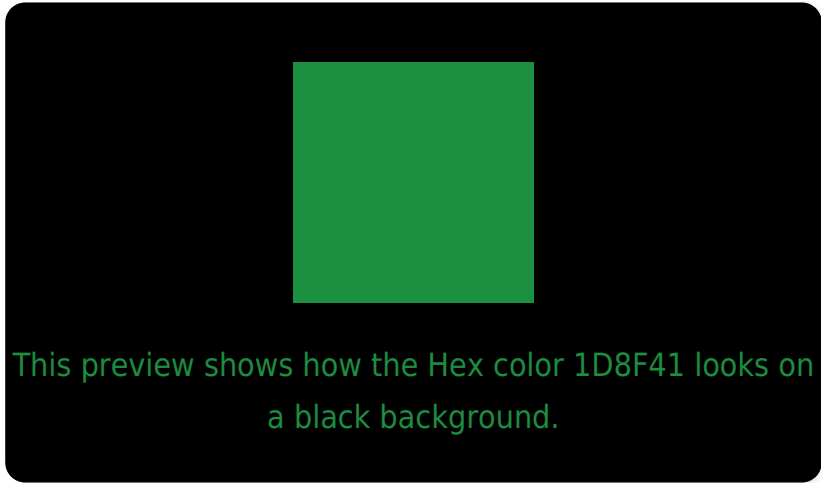
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

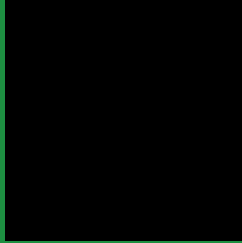
Any Text WCAG AA ✓ Pass

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 1D8F41 Background



This preview shows how black text looks on a background with the Hex color 1D8F41.

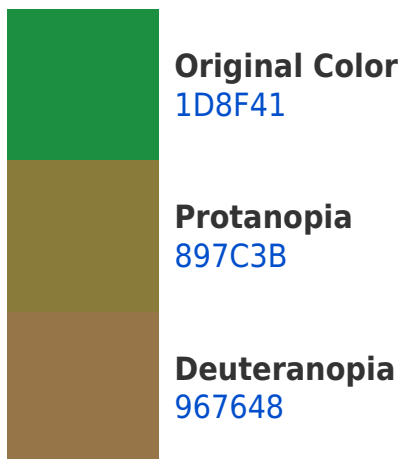



This preview shows how white text looks on a background with the Hex color 1D8F41.

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
3D8691

Trichromacy



Original Color
1D8F41



Protanomaly
62833D



Deuteranomaly
6A7F45



Tritanomaly
318974

Monochromacy



Original Color
1D8F41



Achromatopsia
646464



Achromatomaly
4A7457

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D8F41 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 #1D8F41 looks like.

```
.text, #text, p{  
    color:#1D8F41  
}
```

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 #1D8F41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D8F41
}
```

Border

The CSS property to change the border of an element to Hex 1D8F41 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
#1D8F41 }
```

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

```
.border{ border-color:#1D8F41 }
```

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

Here you see how a box with a 4 pixel #1D8F41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D8F41; -webkit-box-shadow:4px 4px  
4px 4px #1D8F41; box-shadow:4px 4px 4px  
4px #1D8F41 }
```

Background

The CSS property to change the background color of an element to Hex 1D8F41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D8F41 }
```

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

```
.background{ background-color:#1D8F41 }
```

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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