

Converting Colors

Hex(1DA136)

Have a look what the booklet for
Hex(1DA136) contains.

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Color

Hex(1DA136)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 1DA136 |
| RGB | 29, 161, 54 |
| RGB Percent | 11%, 63%, 21% |
| CMY | 0.8863, 0.3686, 0.7882 |
| CMYK | 0.82, 0.00, 0.66, 0.37 |
| HSL | 131°, 69%, 37% |
| HSV | 131°, 82%, 63% |
| XYZ | 13.9174, 26.0173, 7.7783 |
| YIQ | 109.3340, -44.3250, -61.2610 |

Conversions

Conversions Part 2

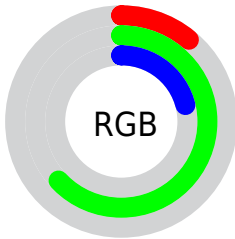
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 29, 140, 161 |
| Decimal | 1941814 |
| CIE _{Lab} | 58.05, -55.66, 44.69 |
| CIE _{LCh} | 58, 71.381, 141.236 |
| Yxy | 26.0173, 0.2917, 0.5453 |
| Android (android.graphics.Color) | 4280131894 (0xFF1DA136) |
| YUV | 109.3340, -27.2797, -70.4529 |
| Hunter-Lab | 51.0071, -40.5584, 26.6636 |

Details

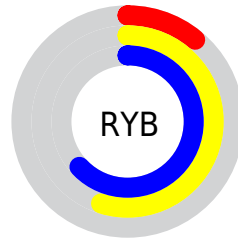
The Hex color **1DA136** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A11D88**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **63D969**, and **006C00** is the 20% darker color. If you saturate the color by 10%, you get **0DA129**, and if you desaturate by 10%, it is **2DA143**.

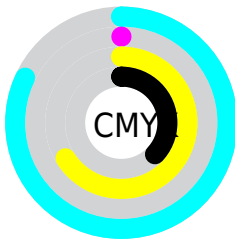
Distribution



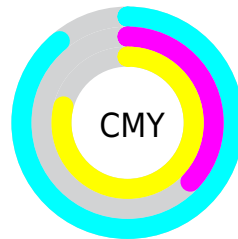
- Red (11%)
- Green (63%)
- Blue (21%)



- Red (11%)
- Yellow (55%)
- Blue (63%)



- Cyan (82%)
- Magenta (0%)
- Yellow (66%)
- Black (37%)



- Cyan (89%)
- Magenta (37%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1DA136 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 1DA136 by changing the saturation by 10% instead.

 1DA136

 1DA136

FFFFFF

 00861B

 63D969

 006C00

 81F684

 005200

 9EFF9F

 003A00

 BCFFBA

 002300

 D9FFD7

 000000

 F7FFF4

 1DA136

 1DA136

 0DA129

 2DA143

■ 00A11E

■ 3DA150

■ 4DA15D

■ 5DA16A

■ 6EA177

■ 7EA184

■ 8EA191

■ 9EA19E

■ AEA1AB

Harmonies

Analogous

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



7D9600



1DA136



00A676

Triad

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



1DA136



0098FF



F84B62

Complementary

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



1DA136



A11D88

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.



F149A1



1DA136



5F83FF

Square

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



1DA136



00A4EC



C465DB



E26728

Rectangle

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



1DA136



00A8A2



C465DB



FA4677

Sweetspot

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



1DA136



9DD1A7



89A11D



49694F



E8E8E8



696969

Same Dimension

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



1DA136



04D12B



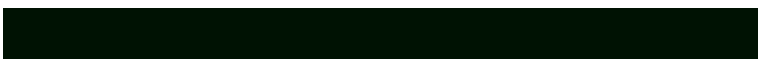
1DA177



49524B



00911C



001203

Inverse Universe

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



A11D88



D104AA



A11D47



524950



910076



12000E

Previews

White Background



This preview shows how the Hex color 1DA136 looks on a white background.

Color Contrast Check

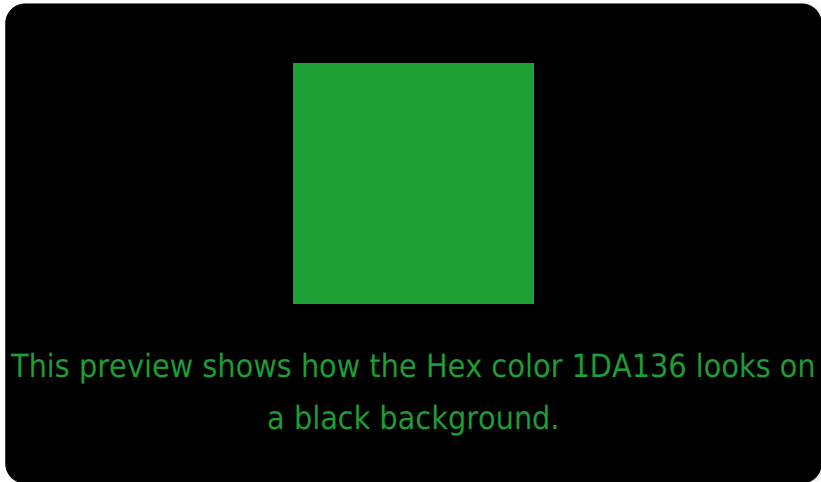
Large Text (above 18pt) WCAG AA ✓ Pass

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 1DA136 Background



This preview shows how black text looks on a background with the Hex color 1DA136.



This preview shows how white text looks on a background with the Hex color 1DA136.

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
1DA136

Protanopia
9B8B30

Deuteranopia
AB843F



Tritanopia
4697A3

Trichromacy



Original Color
1DA136



Protanomaly
6D9332



Deuteranomaly
778F3C



Tritanomaly
379B7B

Monochromacy



Original Color
1DA136



Achromatopsia
6D6D6D



Achromatomaly
508059

CSS Examples

Text

The CSS property to change the color of the text to Hex 1DA136 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 #1DA136 looks like.

```
.text, #text, p{  
    color:#1DA136  
}
```

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 #1DA136 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1DA136
}
```

Border

The CSS property to change the border of an element to Hex 1DA136 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
#1DA136 }
```

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

```
.border{ border-color:#1DA136 }
```

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

Here you see how a box with a 4 pixel #1DA136 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1DA136; -webkit-box-shadow:4px 4px  
4px 4px #1DA136; box-shadow:4px 4px 4px  
4px #1DA136 }
```

Background

The CSS property to change the background color of an element to Hex 1DA136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1DA136 }
```

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

```
.background{ background-color:#1DA136 }
```

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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