

Converting Colors

Hex(1FDA45)

Have a look what the booklet for
Hex(1FDA45) contains.

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Color

Hex(1FDA45)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 1FDA45 |
| RGB | 31, 218, 69 |
| RGB Percent | 12%, 85%, 27% |
| CMY | 0.8784, 0.1451, 0.7294 |
| CMYK | 0.86, 0.00, 0.68, 0.15 |
| HSL | 132°, 75%, 49% |
| HSV | 132°, 86%, 85% |
| XYZ | 26.7107, 50.8638, 14.0401 |
| YIQ | 145.1010, -63.6230, -85.9830 |

Conversions

Conversions Part 2

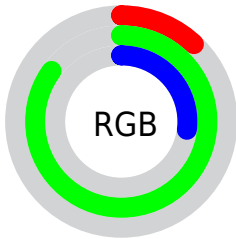
| Format | Color |
|-------------------------------------|---|
| RYB | 31, 186, 218 |
| Decimal | 2087493 |
| CIELab | 76.60, -71.62, 58.61 |
| CIELCh | 77, 92.541, 140.705 |
| Yxy | 50.8638, 0.2916, 0.5552 |
| Android (android.graphics.Color) | 4280277573 (0xFF1FDA45) |
| YUV | 145.1010, -37.5178, -100.0666 |
| Hunter-Lab | 71.3189, -57.9554, 38.2511 |

Details

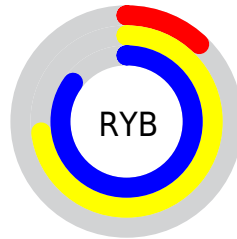
The Hex color **1FDA45** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **DA1FB4**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **73FF7C**, and **00A100** is the 20% darker color. If you saturate the color by 10%, you get **09DA34**, and if you desaturate by 10%, it is **35DA56**.

Distribution



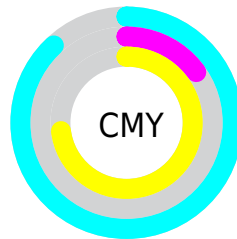
- Red (12%)
- Green (85%)
- Blue (27%)



- Red (12%)
- Yellow (73%)
- Blue (85%)



- Cyan (86%)
- Magenta (0%)
- Yellow (68%)
- Black (15%)



- Cyan (88%)
- Magenta (15%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1FDA45 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 1FDA45 by changing the saturation by 10% instead.

 1FDA45

 1FDA45

FFFFFF

 00BD28

 73FF7C

 00A100

 93FF98

 008600

 B3FFB4

 006B00

 D2FFD0

 005100

 F1FFEE

 003A00

 001F00

 000000

 1FDA45

 1FDA45

■ 09DA34

■ 35DA56

■ 00DA2C

■ 4BDA68

■ 60DA79

■ 76DA8A

■ 8CDA9C

■ A2DAAD

■ B8DABF

■ CDDAD0

■ E3DAE1

Harmonies

Analogous

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



AACB00



1FDA45



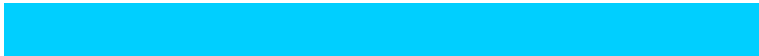
00E19F

Triad

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



1FDA45



00CFFF



FF6286

Complementary

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



1FDA45



DA1FB4

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.



FF5FDB



1FDA45



79B2FF

Square

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



1FDA45



00DEFF



FF88FF



FF8935

Rectangle

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



1FDA45



00E3DA



FF88FF



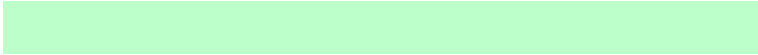
FF5AA2

Sweetspot

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



1FDA45



BDFECA



B5DA1F



588060



000000



808080

Same Dimension

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



1FDA45



00FF34



1FDAA2



636E65



00AD23



002E09

Inverse Universe

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



DA1FB4



FF00CB



DA1F57



6E636B



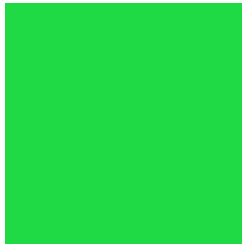
AD008A



2E0025

Previews

White Background



This preview shows how the Hex color 1FDA45 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 1FDA45 looks on a 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 ✓ Pass

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

Hex 1FDA45 Background



This preview shows how black text looks on a background with the Hex color 1FDA45.

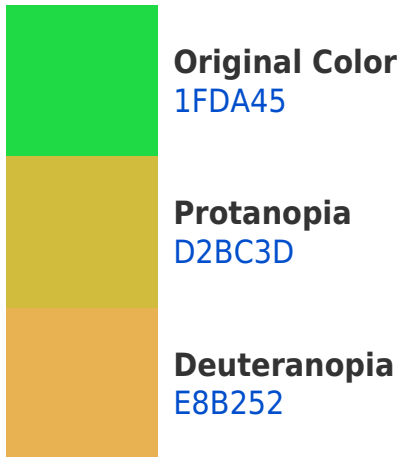


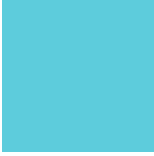
This preview shows how white text looks on a background with the Hex color 1FDA45.

Color Blindness Simulation

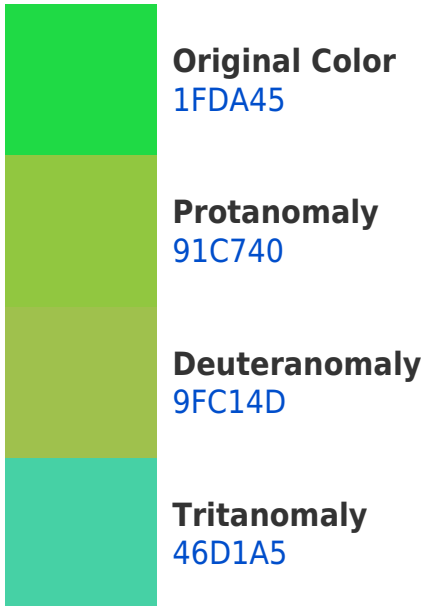
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

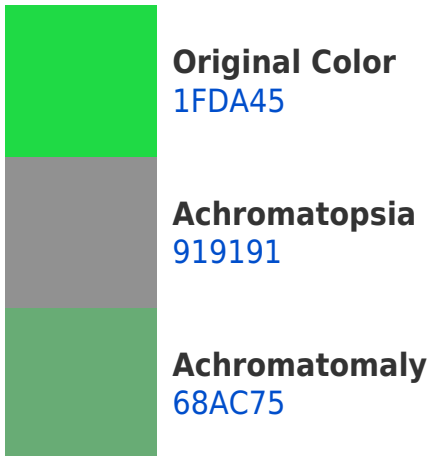




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1FDA45 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 #1FDA45 looks like.

```
.text, #text, p{  
    color:#1FDA45  
}
```

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 #1FDA45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1FDA45
}
```

Border

The CSS property to change the border of an element to Hex 1FDA45 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
#1FDA45 }
```

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

```
.border{ border-color:#1FDA45 }
```

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

Here you see how a box with a 4 pixel #1FDA45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1FDA45; -webkit-box-shadow:4px 4px  
4px 4px #1FDA45; box-shadow:4px 4px 4px  
4px #1FDA45 }
```

Background

The CSS property to change the background color of an element to Hex 1FDA45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1FDA45 }
```

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

```
.background{ background-color:#1FDA45 }
```

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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