

Converting Colors

Hex(41DA41)

Have a look what the booklet for
Hex(41DA41) contains.

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Color

Hex(41DA41)

Conversions

Conversions Part 1

Format	Color
Hex	41DA41
RGB	65, 218, 65
RGB Percent	25%, 85%, 25%
CMY	0.7451, 0.1451, 0.7451
CMYK	0.70, 0.00, 0.70, 0.15
HSL	120°, 67%, 55%
HSV	120°, 70%, 85%
XYZ	28.2055, 51.6483, 13.4836
YIQ	154.8110, -42.0750, -80.0190

Conversions

Conversions Part 2

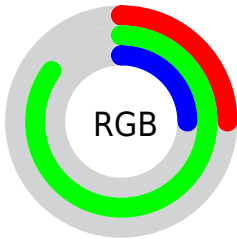
Format	Color
RYB	65, 218, 218
Decimal	4315713
CIELab	77.07, -67.66, 60.78
CIELCh	77, 90.949, 138.067
Yxy	51.6483, 0.3022, 0.5534
Android (android.graphics.Color)	4282505793 (0xFF41DA41)
YUV	154.8110, -44.2768, -78.7642
Hunter-Lab	71.8667, -55.7110, 39.1828

Details

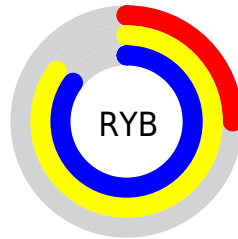
The Hex color **41DA41** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **DA41DA**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **85FF79**, and **00A200** is the 20% darker color. If you saturate the color by 10%, you get **2BDA2B**, and if you desaturate by 10%, it is **57DA57**.

Distribution



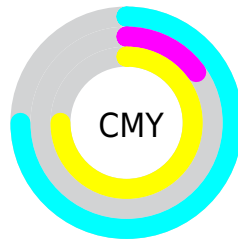
- Red (25%)
- Green (85%)
- Blue (25%)



- Red (25%)
- Yellow (85%)
- Blue (85%)



- Cyan (70%)
- Magenta (0%)
- Yellow (70%)
- Black (15%)



- Cyan (75%)
- Magenta (15%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41DA41 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 41DA41 by changing the saturation by 10% instead.

 41DA41

 41DA41

FFFFFF

 03BD22

 85FF79

 00A200

 A4FF94

 008600

 C3FFB1

 006C00

 E2FFCD

 005200

 FFFFEA

 003A00

 002000

 000000

 41DA41

 41DA41

 2BDA2B

 57DA57

 15DA15

 6DDA6D

 00DA00

 82DA82

 98DA98

 AEDAAE

 C4DAC4

 DADADA

 EFDAEF

 FFDAFF

Harmonies

Analogous

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



B4CA00



41DA41



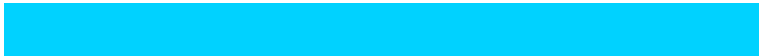
00E299

Triad

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



41DA41



00D2FF



FF648F

Complementary

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



41DA41



DA41DA

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.



FF66E4



41DA41



67B7FF

Square

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



41DA41



00E0FF



FF8EFF



FF8840

Rectangle

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



41DA41



00E4D4



FF8EFF



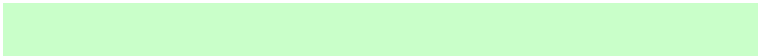
FF5FAB

Sweetspot

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



41DA41



C9FFC9



DADA41



608060



000000



808080

Same Dimension

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



41DA41



29FF29



41DA8D



636E63



00AD00



002E00

Inverse Universe

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



DA41DA



FF29FF



DA418D



6E636E



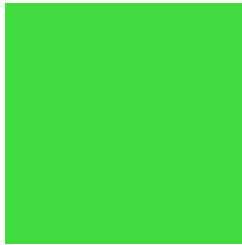
AD00AD



2E002E

Previews

White Background



This preview shows how the Hex color 41DA41 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 41DA41 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

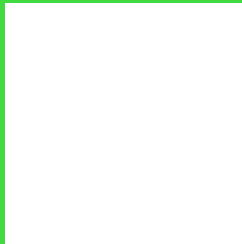
Any Text WCAG AAA ✓ Pass

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

Hex 41DA41 Background



This preview shows how black text looks on a background with the Hex color 41DA41.

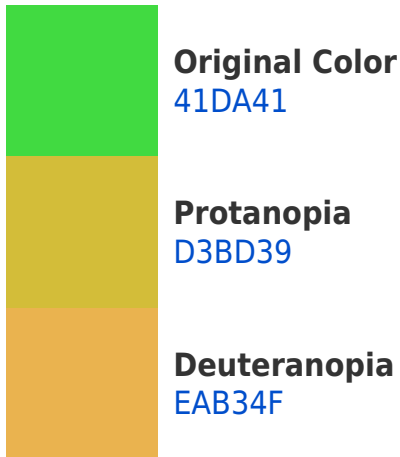


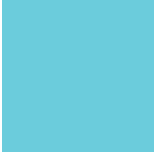
This preview shows how white text looks on a background with the Hex color 41DA41.

Color Blindness Simulation

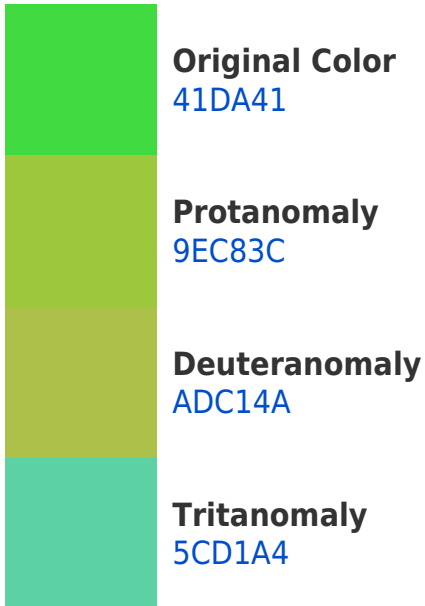
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

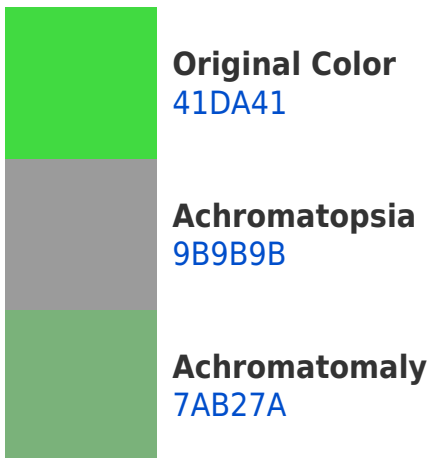




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 41DA41 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 #41DA41 looks like.

```
.text, #text, p{  
    color:#41DA41  
}
```

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 #41DA41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41DA41
}
```

Border

The CSS property to change the border of an element to Hex 41DA41 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
#41DA41 }
```

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

```
.border{ border-color:#41DA41 }
```

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

Here you see how a box with a 4 pixel #41DA41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41DA41; -webkit-box-shadow:4px 4px  
4px 4px #41DA41; box-shadow:4px 4px 4px  
4px #41DA41 }
```

Background

The CSS property to change the background color of an element to Hex 41DA41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41DA41 }
```

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

```
.background{ background-color:#41DA41 }
```

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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