

Converting Colors

Hex(41DD4A)

Have a look what the booklet for
Hex(41DD4A) contains.

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Color

Hex(41DD4A)

Conversions

Conversions Part 1

Format	Color
Hex	41DD4A
RGB	65, 221, 74
RGB Percent	25%, 87%, 29%
CMY	0.7451, 0.1333, 0.7098
CMYK	0.71, 0.00, 0.67, 0.13
HSL	123°, 70%, 56%
HSV	123°, 71%, 87%
XYZ	29.2725, 53.3311, 15.2297
YIQ	157.5980, -45.7890, -78.7890

Conversions

Conversions Part 2

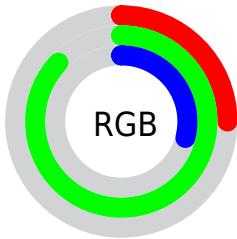
Format	Color
RYB	65, 212, 221
Decimal	4316490
CIELab	78.07, -67.82, 58.37
CIELCh	78, 89.478, 139.281
Yxy	53.3311, 0.2992, 0.5451
Android (android.graphics.Color)	4282506570 (0xFF41DD4A)
YUV	157.5980, -41.2138, -81.2084
Hunter-Lab	73.0282, -56.2497, 38.7551

Details

The Hex color **41DD4A** 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 **DD41D4**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **85FF81**, and **00A405** is the 20% darker color. If you saturate the color by 10%, you get **2BDD35**, and if you desaturate by 10%, it is **57DD5F**.

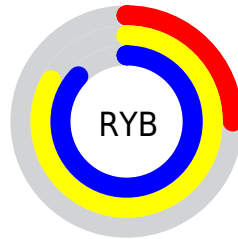
Distribution



Red (25%)

Green (87%)

Blue (29%)



Red (25%)

Yellow (83%)

Blue (87%)

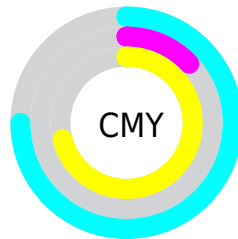


Cyan (71%)

Magenta (0%)

Yellow (67%)

Black (13%)



Cyan (75%)

Magenta (13%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41DD4A 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 41DD4A by changing the saturation by 10% instead.



41DD4A



41DD4A

FFFFFF



02C02D



85FF81



00A405



A4FF9D



008900



C3FFB9



006E00



E2FFD5



005400



FFFFF3



003C00



002300



000000



41DD4A



41DD4A

 2BDD35

 57DD5F

 15DD20

 6DDD74

 00DD0D

 83DD88

 99DD9D

 B0ddb2

 C6DDc7

 DCDDDC

 F2DDF1

 FFDDFF

Harmonies

Analogous

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



B4CD00



41DD4A



00E59F

Triad

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



41DD4A



00D4FF



FF6B8F

Complementary

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



41DD4A



DD41D4

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.



FF6BE3



41DD4A



79B8FF

Square

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



41DD4A



00E2FF



FF90FF



FF8E42

Rectangle

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



41DD4A



00E7D9



FF90FF



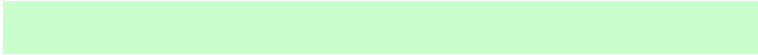
FF66AB

Sweetspot

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



41DD4A



C9FFCD



D5DD41



608061



000000



808080

Same Dimension

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



41DD4A



26FF33



41DD97



636E63



00AD0A



002E03

Inverse Universe

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



DD41D4



FF26F2



DD4187



6E636D



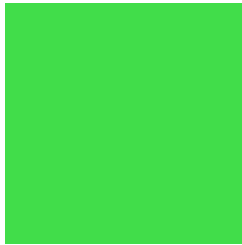
AD00A3



2E002B

Previews

White Background



This preview shows how the Hex color 41DD4A looks on a white background.

Color Contrast Check

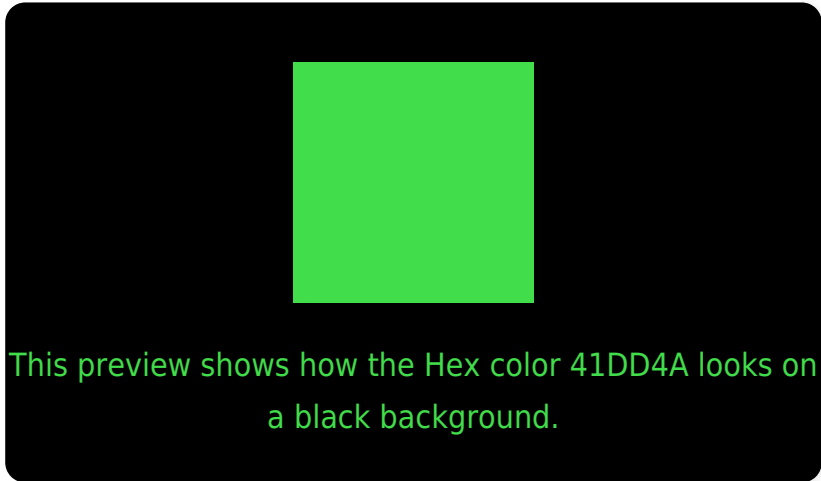
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 41DD4A Background



This preview shows how black text looks on a background with the Hex color 41DD4A.

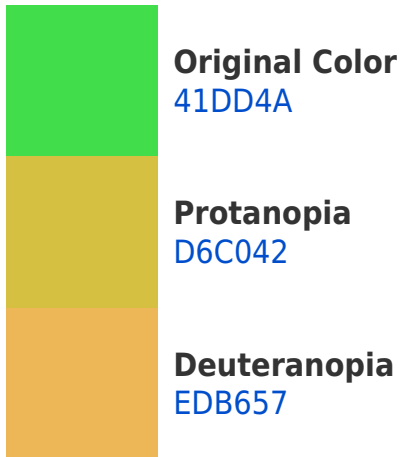


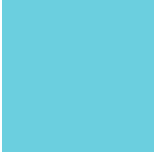
This preview shows how white text looks on a background with the Hex color 41DD4A.

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
6BCFDF

Trichromacy



Original Color
41DD4A



Protanomaly
A0CB45



Deuteranomaly
AEC452



Tritanomaly
5CD4A9

Monochromacy



Original Color
41DD4A



Achromatopsia
9E9E9E



Achromatomaly
7CB57F

CSS Examples

Text

The CSS property to change the color of the text to Hex 41DD4A 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 #41DD4A looks like.

```
.text, #text, p{  
    color:#41DD4A  
}
```

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 #41DD4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41DD4A
}
```

Border

The CSS property to change the border of an element to Hex 41DD4A 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
#41DD4A }
```

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

```
.border{ border-color:#41DD4A }
```

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

Here you see how a box with a 4 pixel #41DD4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41DD4A; -webkit-box-shadow:4px 4px  
4px 4px #41DD4A; box-shadow:4px 4px 4px  
4px #41DD4A }
```

Background

The CSS property to change the background color of an element to Hex 41DD4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41DD4A }
```

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

```
.background{ background-color:#41DD4A }
```

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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