

# Converting Colors

Hex(43DC47)

Have a look what the booklet for  
Hex(43DC47) contains.

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**Color**

**Hex(43DC47)**

# Conversions

## Conversions Part 1

Format	Color
Hex	43DC47
RGB	67, 220, 71
RGB Percent	26%, 86%, 28%
CMY	0.7373, 0.1373, 0.7216
CMYK	0.70, 0.00, 0.68, 0.14
HSL	122°, 69%, 56%
HSV	122°, 70%, 86%
XYZ	29.0453, 52.8346, 14.6285
YIQ	157.2670, -43.3590, -78.7750

# Conversions

## Conversions Part 2

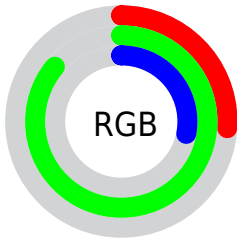
<b>Format</b>	<b>Color</b>
<b>RYB</b>	67, 216, 220
Decimal	4447303
CIELab	77.78, -67.43, 59.25
CIELCh	78, 89.764, 138.694
Yxy	52.8346, 0.3010, 0.5475
Android (android.graphics.Color)	4282637383 (0xFF43DC47)
YUV	157.2670, -42.5296, -79.1642
Hunter-Lab	72.6874, -55.8759, 38.9490

# Details

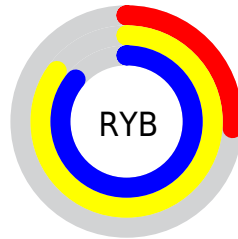
The Hex color **43DC47** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **DC43D8**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **86FF7E**, and **00A300** is the 20% darker color. If you saturate the color by 10%, you get **2DDC32**, and if you desaturate by 10%, it is **59DC5C**.

# Distribution



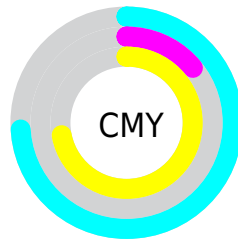
- Red (26%)
- Green (86%)
- Blue (28%)



- Red (26%)
- Yellow (85%)
- Blue (86%)



- Cyan (70%)
- Magenta (0%)
- Yellow (68%)
- Black (14%)



- Cyan (74%)
- Magenta (14%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 43DC47 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 43DC47 by changing the saturation by 10% instead.



 43DC47

 43DC47

FFFFFF

 0ABF2A

 86FF7E

 00A300

 A6FF9A

 008800

 C4FFB6

 006D00

 E3FFD3

 005400

 FFFFF0

 003B00

 002200

 000000

 43DC47

 43DC47

 2DDC32

 59DC5C

 17DC1C

 6FDC72

 01DC07

 85DC87

 00DC06

 9BDC9D

 B1DCB2

 C7DCC8

 DDDCDD

 F3DCF2

 FFDCFF

# Harmonies

## Analogous

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



B5CC00



43DC47



00E49D

# Triad

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



43DC47



00D3FF



FF6990

# Complementary

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



43DC47



DC43D8

# 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.



FF6AE3



43DC47



72B8FF

# Square

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



43DC47



00E1FF



FF90FF



FF8C42

# Rectangle

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



43DC47



00E6D7



FF90FF



FF64AC

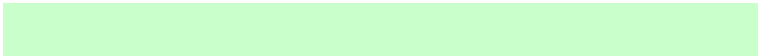


# Sweetspot

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



43DC47



C9FFCB



D9DC43



608060



000000



808080



# Same Dimension

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



43DC47



2BFF31



43DC92



636E63



00AD05



002E01



# Inverse Universe

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



DC43D8



FF2BF9



DC438D



6E636D



AD00A9

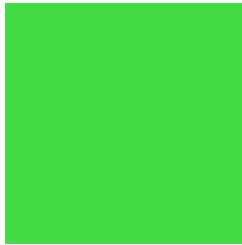


2E002D



# Previews

## White Background



This preview shows how the Hex color 43DC47 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 43DC47 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

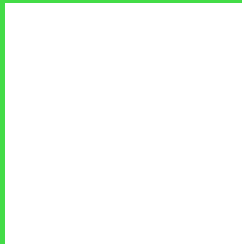
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 43DC47 Background



This preview shows how black text looks on a background with the Hex color 43DC47.

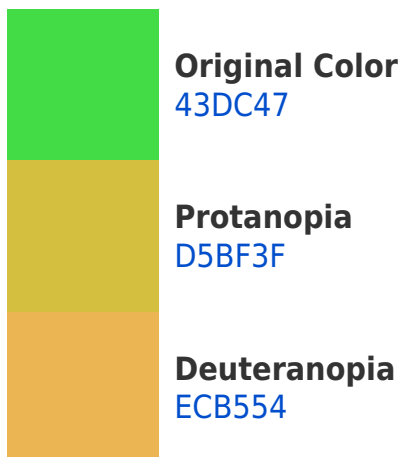


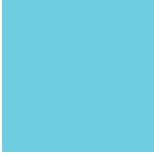
This preview shows how white text looks on a background with the Hex color 43DC47.

# 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



**Original Color**  
43DC47



**Protanomaly**  
A0CA42



**Deuteranomaly**  
AFC34F



**Tritanomaly**  
5DD3A7

# Monochromacy



**Original Color**  
43DC47



**Achromatopsia**  
9D9D9D



**Achromatomaly**  
7CB47E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 43DC47 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 #43DC47 looks like.

```
.text, #text, p{  
    color:#43DC47  
}
```

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 #43DC47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #43DC47
}
```

## Border

The CSS property to change the border of an element to Hex 43DC47 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
#43DC47 }
```

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

```
.border{ border-color:#43DC47 }
```

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

Here you see how a box with a 4 pixel #43DC47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #43DC47; -webkit-box-shadow:4px 4px  
4px 4px #43DC47; box-shadow:4px 4px 4px  
4px #43DC47 }
```

# Background

The CSS property to change the background color of an element to Hex 43DC47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#43DC47 }
```

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

```
.background{ background-color:#43DC47 }
```

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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