

# Converting Colors

Hex(43D147)

Have a look what the booklet for  
Hex(43D147) contains.

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**Color**

**Hex(43D147)**

# Conversions

## Conversions Part 1

Format	Color
Hex	43D147
RGB	67, 209, 71
RGB Percent	26%, 82%, 28%
CMY	0.7373, 0.1804, 0.7216
CMYK	0.68, 0.00, 0.66, 0.18
HSL	122°, 61%, 54%
HSV	122°, 68%, 82%
XYZ	26.2525, 47.2492, 13.6976
YIQ	150.8100, -40.3340, -73.0220

# Conversions

## Conversions Part 2

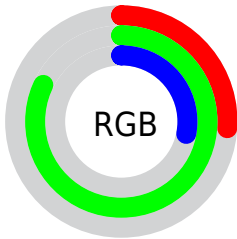
Format	Color
<a href="#">RYB</a>	<a href="#">67, 205, 209</a>
Decimal	<a href="#">4444487</a>
CIELab	<a href="#">74.35, -63.81, 55.56</a>
CIELCh	<a href="#">74, 84.611, 138.954</a>
Yxy	<a href="#">47.2492, 0.3011, 0.5419</a>
Android (android.graphics.Color)	<a href="#">4282634567</a> ( <a href="#">0xFF43D147</a> )
YUV	<a href="#">150.8100, -39.3463, -73.5014</a>
Hunter-Lab	<a href="#">68.7380, -52.1185, 36.3018</a>

# Details

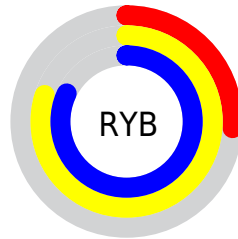
The Hex color **43D147** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **D143CD**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **84FF7D**, and **009904** is the 20% darker color. If you saturate the color by 10%, you get **2ED133**, and if you desaturate by 10%, it is **58D15B**.

# Distribution



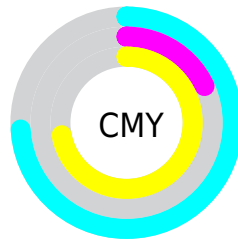
- Red (26%)
- Green (82%)
- Blue (28%)



- Red (26%)
- Yellow (80%)
- Blue (82%)



- Cyan (68%)
- Magenta (0%)
- Yellow (66%)
- Black (18%)



- Cyan (74%)
- Magenta (18%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 43D147 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 43D147 by changing the saturation by 10% instead.



 43D147

 43D147

FFFFFF

 12B52B

 84FF7D

 009904

 A3FF99

 007E00

 C1FFB5

 006400

 E0FFD1

 004A00

 FEFFEE

 003300

 001800

 000000

 43D147

 43D147

 2ED133

 58D15B

 19D11E

 6DD170

 04D10A

 82D184

 00D106

 97D198

 ABD1AD

 C0D1C1

 D5D1D5

 EAD1E9

 FFD1FE

# Harmonies

## Analogous

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



ACC200



43D147



00D896

# Triad

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



43D147



00C8FF



FF6789

# Complementary

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



43D147



D143CD

# 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.



FF68D7



43D147



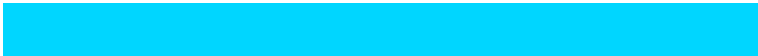
72AFFF

# Square

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



43D147



00D6FF



F78AFF



FF8741

# Rectangle

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



43D147



00DACD



F78AFF



FF62A3

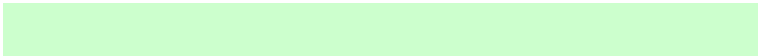


# Sweetspot

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



43D147



CCFFCD



CFD143



618062



000000



808080



# Same Dimension

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



43D147



2EFF34



43D18C



5E695E



00A805



002901



# Inverse Universe

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



D143CD



FF2EF9



D14388



695E68



A800A4

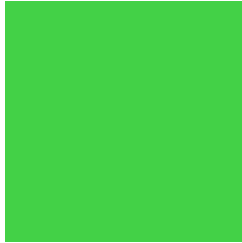


290028



# Previews

## White Background



This preview shows how the Hex color 43D147 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 43D147 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

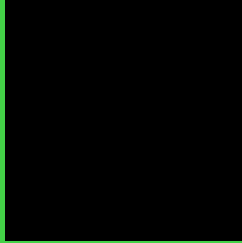
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 43D147 Background



This preview shows how black text looks on a background with the Hex color 43D147.

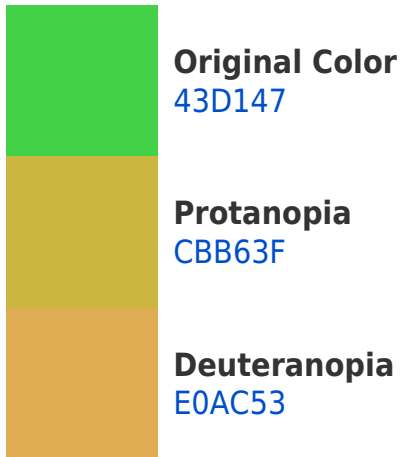


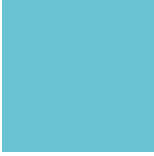
This preview shows how white text looks on a background with the Hex color 43D147.

# 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**  
69C3D3

# Trichromacy



**Original Color**

43D147



**Protanomaly**

9AC042



**Deuteranomaly**

A7B94F



**Tritanomaly**

5BC8A0

# Monochromacy



**Original Color**

43D147



**Achromatopsia**

979797



**Achromatomaly**

78AC7A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 43D147 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 #43D147 looks like.

```
.text, #text, p{  
    color:#43D147  
}
```

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 #43D147 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #43D147
}
```

## Border

The CSS property to change the border of an element to Hex 43D147 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
#43D147 }
```

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

```
.border{ border-color:#43D147 }
```

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

Here you see how a box with a 4 pixel #43D147 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #43D147; -webkit-box-shadow:4px 4px  
4px 4px #43D147; box-shadow:4px 4px 4px  
4px #43D147 }
```

# Background

The CSS property to change the background color of an element to Hex 43D147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#43D147 }
```

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

```
.background{ background-color:#43D147 }
```

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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