

# Converting Colors

Hex(43DD16)

Have a look what the booklet for  
Hex(43DD16) contains.

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**Color**

**Hex(43DD16)**

# Conversions

## Conversions Part 1

Format	Color
Hex	43DD16
RGB	67, 221, 22
RGB Percent	26%, 87%, 9%
CMY	0.7373, 0.1333, 0.9137
CMYK	0.70, 0.00, 0.90, 0.13
HSL	106°, 82%, 48%
HSV	106°, 90%, 87%
XYZ	28.3160, 52.9641, 9.4897
YIQ	152.2680, -27.9050, -94.5370

# Conversions

## Conversions Part 2

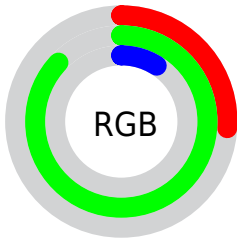
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	22, 221, 176
Decimal	4447510
CIE Lab	77.85, -70.60, 73.14
CIE LCh	78, 101.660, 133.987
Yxy	52.9641, 0.3120, 0.5835
Android (android.graphics.Color)	4282637590 (0xFF43DD16)
YUV	152.2680, -64.2221, -74.7800
Hunter-Lab	72.7765, -57.9077, 43.2123

# Details

The Hex color **43DD16** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **B016DD**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **88FF5C**, and **00A400** is the 20% darker color. If you saturate the color by 10%, you get **32DD00**, and if you desaturate by 10%, it is **54DD2C**.

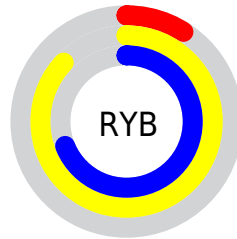
# Distribution



Red (26%)

Green (87%)

Blue (9%)



Red (9%)

Yellow (87%)

Blue (69%)

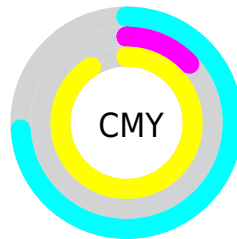


Cyan (70%)

Magenta (0%)

Yellow (90%)

Black (13%)



Cyan (74%)

Magenta (13%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 43DD16 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 43DD16 by changing the saturation by 10% instead.



 43DD16

 43DD16

FFFFFF

 03C000

 88FF5C

 00A400

 A8FF79

 008900

 C7FF96

 006E00

 E6FFB3

 005400

 FFFFD0

 003C00

 FFFFEE

 002200

 000000

 43DD16

 43DD16

 32DD00

 54DD2C

 65DD42

 76DD58

 87DD6E

 99DD84

 AADD9B

 BBDDB1

 CCDDC7

 DDDDDD

# Harmonies

## Analogous

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



BFCA00



43DD16



00E689

# Triad

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



43DD16



00DAFF



FF4B99

# Complementary

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



43DD16



B016DD

# 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.



FF58F7



43DD16



00BDFF

# Square

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



43DD16



00E7FF



F98FFF



FF7A3D

# Rectangle

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



43DD16



00E9CB



F98FFF



FF45B8

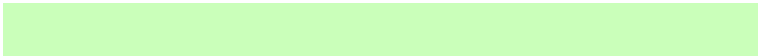


# Sweetspot

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



43DD16



CAFFBA



DDAF16



608057



000000



808080



# Same Dimension

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



43DD16



3AFF00



16DD4B



656E63



27AD00



0A2E00



# Inverse Universe

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



B016DD



C500FF



DD16A8



6B636E



8600AD

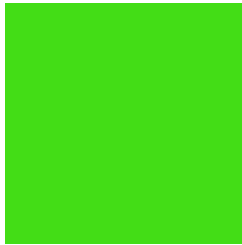


24002E



# Previews

## White Background



This preview shows how the Hex color 43DD16 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 43DD16 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

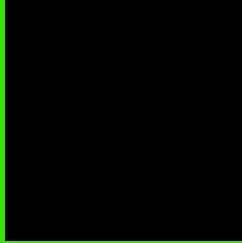
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 43DD16 Background



This preview shows how black text looks on a background with the Hex color 43DD16.

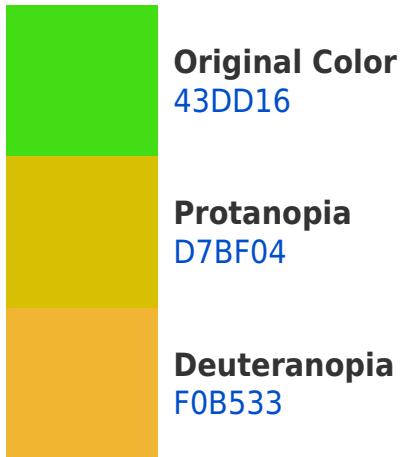


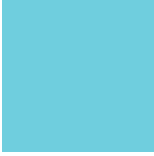
This preview shows how white text looks on a background with the Hex color 43DD16.

# 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**  
6FCEDE

# Trichromacy



**Original Color**  
43DD16



**Protanomaly**  
A1CA0B



**Deuteranomaly**  
B1C428



**Tritanomaly**  
5FD395

# Monochromacy



**Original Color**  
43DD16



**Achromatopsia**  
989898



**Achromatomaly**  
79B169

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 43DD16 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 #43DD16 looks like.

```
.text, #text, p{  
    color:#43DD16  
}
```

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 #43DD16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #43DD16
}
```

## Border

The CSS property to change the border of an element to Hex 43DD16 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
#43DD16 }
```

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

```
.border{ border-color:#43DD16 }
```

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

Here you see how a box with a 4 pixel #43DD16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #43DD16; -webkit-box-shadow:4px 4px  
4px 4px #43DD16; box-shadow:4px 4px 4px  
4px #43DD16 }
```

# Background

The CSS property to change the background color of an element to Hex 43DD16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#43DD16 }
```

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

```
.background{ background-color:#43DD16 }
```

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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