

# Converting Colors

Hex(44D239)

Have a look what the booklet for  
Hex(44D239) contains.

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**Color**

**Hex(44D239)**

# Conversions

## Conversions Part 1

Format	Color
Hex	44D239
RGB	68, 210, 57
RGB Percent	27%, 82%, 22%
CMY	0.7333, 0.1765, 0.7765
CMYK	0.68, 0.00, 0.73, 0.18
HSL	116°, 63%, 52%
HSV	116°, 73%, 82%
XYZ	26.1690, 47.6175, 11.6828
YIQ	150.1000, -35.5190, -77.6870

# Conversions

## Conversions Part 2

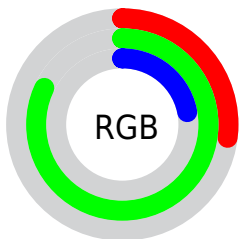
Format	Color
<a href="#">RYB</a>	<a href="#">57, 210, 199</a>
Decimal	<a href="#">4510265</a>
<a href="#">CIELab</a>	<a href="#">74.58, -65.17, 61.14</a>
<a href="#">CIElCh</a>	<a href="#">75, 89.359, 136.826</a>
<a href="#">Yxy</a>	<a href="#">47.6175, 0.3062, 0.5571</a>
Android (android.graphics.Color)	<a href="#">4282700345</a> ( <a href="#">0xFF44D239</a> )
<a href="#">YUV</a>	<a href="#">150.1000, -45.8983, -72.0017</a>
<a href="#">Hunter-Lab</a>	<a href="#">69.0055, -53.0668, 38.2659</a>

# Details

The Hex color **44D239** 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 **C739D2**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **86FF71**, and **009A00** is the 20% darker color. If you saturate the color by 10%, you get **31D224**, and if you desaturate by 10%, it is **57D24E**.

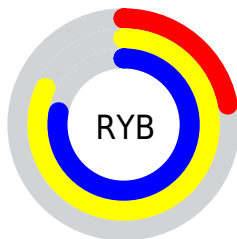
# Distribution



Red (27%)

Green (82%)

Blue (22%)



Red (22%)

Yellow (82%)

Blue (78%)

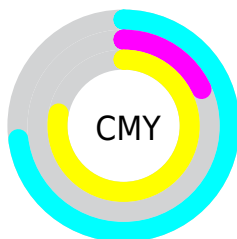


Cyan (68%)

Magenta (0%)

Yellow (73%)

Black (18%)



Cyan (73%)

Magenta (18%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 44D239 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 44D239 by changing the saturation by 10% instead.



 44D239

 44D239

FFFFFF

 13B618

 86FF71

 009A00

 A4FF8D

 007F00

 C3FFA9

 006500

 E2FFC5

 004B00

 FFFFE2

 003400

 001900

 000000

 44D239

 44D239

 31D224

 57D24E

 1DD20F

 6BD263

 0FD200

 7ED278

 92D28D

 A5D2A2

 B9D2B7

 CCD2CC

 E0D2E1

 F3D2F6

# Harmonies

## Analogous

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



B1C200



44D239



00DA8F

# Triad

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



44D239



00CCFF



FF5E8D

# Complementary

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



44D239



C739D2

# 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.



FF62DF



44D239



54B1FF

# Square

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



44D239



00D9FF



F48AFF



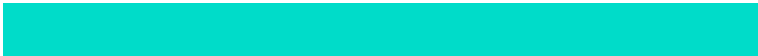
FF813F

# Rectangle

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



44D239



00DCC9



F48AFF



FF59A8

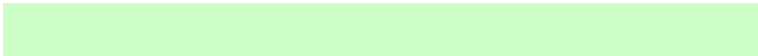


# Sweetspot

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



44D239



CBFFC7



D2C539



61805E



000000



808080



# Same Dimension

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



44D239



31FF21



39D279



5F695E



0CA800



032900



# Inverse Universe

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



C739D2



EF21FF



D23992



685E69



9C00A8

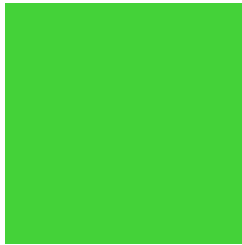


260029



# Previews

## White Background



This preview shows how the Hex color 44D239 looks on a white background.

## Color Contrast Check

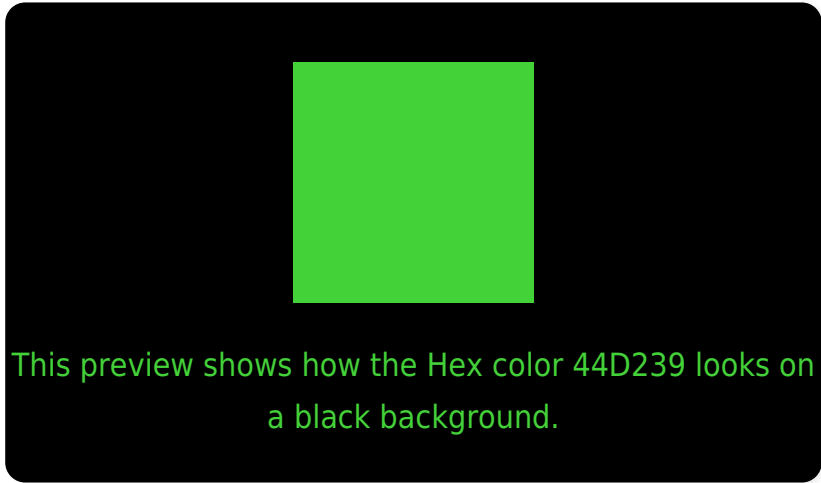
Large Text (above 18pt) WCAG AA × Fail

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

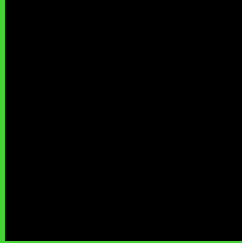
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 44D239 Background



This preview shows how black text looks on a background with the Hex color 44D239.

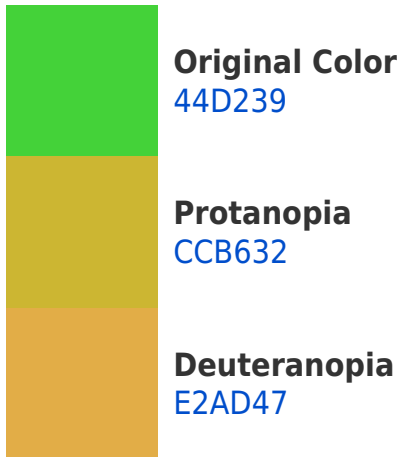


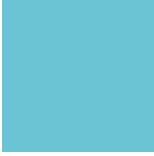
This preview shows how white text looks on a background with the Hex color 44D239.

# 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**  
6BC4D4

# Trichromacy



**Original Color**  
44D239



**Protanomaly**  
9BC035



**Deuteranomaly**  
A9BA42



**Tritanomaly**  
5DC99C

# Monochromacy



**Original Color**  
44D239



**Achromatopsia**  
969696



**Achromatomaly**  
78AC74

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 44D239 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 #44D239 looks like.

```
.text, #text, p{  
    color:#44D239  
}
```

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 #44D239 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44D239
}
```

## Border

The CSS property to change the border of an element to Hex 44D239 is called "border". The border property can be set on classes, ids or directly on the HTML element.

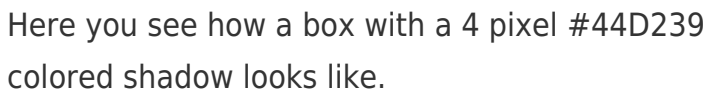
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#44D239 }
```

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

```
.border{ border-color:#44D239 }
```

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



Here you see how a box with a 4 pixel #44D239 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44D239; -webkit-box-shadow:4px 4px  
4px 4px #44D239; box-shadow:4px 4px 4px  
4px #44D239 }
```

# Background

The CSS property to change the background color of an element to Hex 44D239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44D239 }
```

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

```
.background{ background-color:#44D239 }
```

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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