

# Converting Colors

Hex(2DCE39)

Have a look what the booklet for  
Hex(2DCE39) contains.

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**Color**

**Hex(2DCE39)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2DCE39
RGB	45, 206, 57
RGB Percent	18%, 81%, 22%
CMY	0.8235, 0.1922, 0.7765
CMYK	0.78, 0.00, 0.72, 0.19
HSL	124°, 64%, 49%
HSV	124°, 78%, 81%
XYZ	23.8920, 44.9959, 11.2967
YIQ	140.8750, -48.1270, -80.4710

# Conversions

## Conversions Part 2

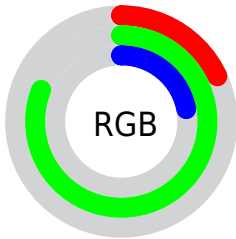
<b>Format</b>	<b>Color</b>
<b>RYB</b>	45, 195, 206
Decimal	3001913
CIELab	72.89, -67.59, 59.28
CIELCh	73, 89.901, 138.747
Yxy	44.9959, 0.2980, 0.5612
Android (android.graphics.Color)	4281191993 (0xFF2DCE39)
YUV	140.8750, -41.3504, -84.0824
Hunter-Lab	67.0790, -53.8106, 36.9703

# Details

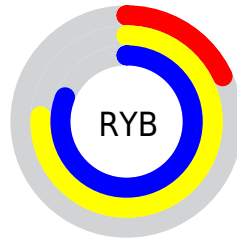
The Hex color **2DCE39** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **CE2DC2**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **76FF71**, and **009600** is the 20% darker color. If you saturate the color by 10%, you get **18CE26**, and if you desaturate by 10%, it is **42CE4C**.

# Distribution



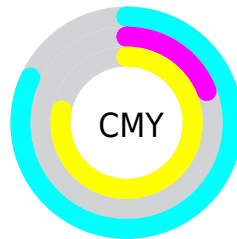
- Red (18%)
- Green (81%)
- Blue (22%)



- Red (18%)
- Yellow (76%)
- Blue (81%)



- Cyan (78%)
- Magenta (0%)
- Yellow (72%)
- Black (19%)



- Cyan (82%)
- Magenta (19%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2DCE39 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 2DCE39 by changing the saturation by 10% instead.



 2DCE39

 2DCE39

FFFFFF

 00B218

 76FF71

 009600

 96FF8C

 007B00

 B5FFA8

 006100

 D4FFC4

 004700

 F2FFE1

 002F00

 001200

 000000

 2DCE39

 2DCE39

 18CE26

 42CE4C

 04CE13

 56CE5F

 00CE0F

 6BCE72

 7FCE85

 94CE98

 A9CEAB

 BDCEBE

 D2CED2

 E6CEE5

# Harmonies

## Analogous

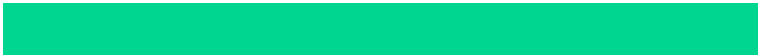
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A6BF00



2DCE39



00D690

# Triad

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



2DCE39



00C6FF



FF5883

# Complementary

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



2DCE39



CE2DC2

# 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.



FF59D6



2DCE39



5EABFF

# Square

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



2DCE39



00D3FF



F582FF



FF7E35

# Rectangle

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



2DCE39



00D7CA



F582FF



FF529E

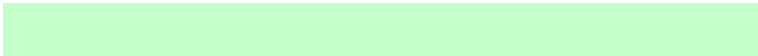


# Sweetspot

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



2DCE39



C4FFC9



C3CE2D



5C805E



000000



808080



# Same Dimension

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



2DCE39



0FFF21



2DCE88



5C665D



00A60C



002603



# Inverse Universe

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



CE2DC2



FF0FED



CE2D73



665C65



A60099

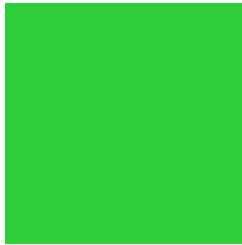


260023



# Previews

## White Background



This preview shows how the Hex color 2DCE39 looks on a white background.

## Color Contrast Check

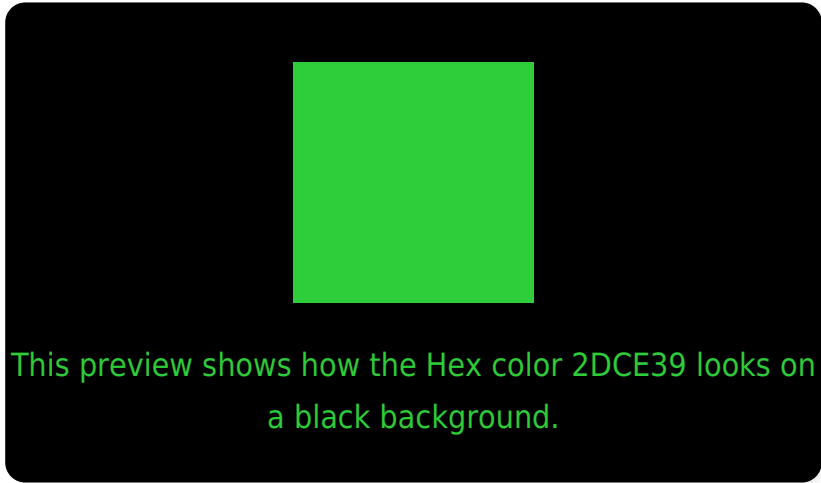
Large Text (above 18pt) WCAG AA × Fail

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 2DCE39 Background



This preview shows how black text looks on a background with the Hex color 2DCE39.

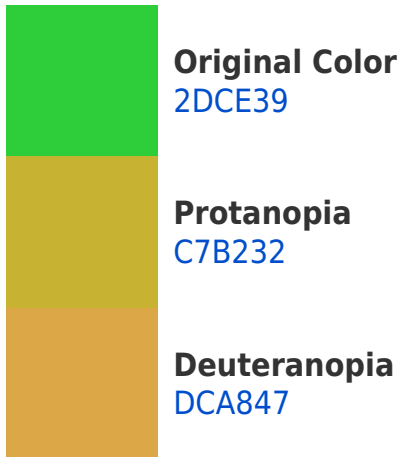


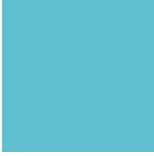
This preview shows how white text looks on a background with the Hex color 2DCE39.

# Color Blindness Simulation

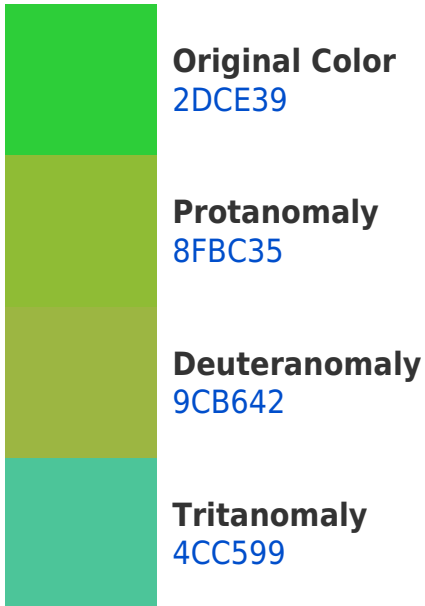
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

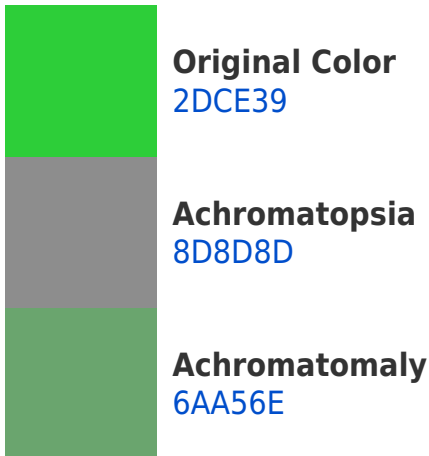




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2DCE39 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 #2DCE39 looks like.

```
.text, #text, p{  
    color:#2DCE39  
}
```

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 #2DCE39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2DCE39
}
```

## Border

The CSS property to change the border of an element to Hex 2DCE39 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
#2DCE39 }
```

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

```
.border{ border-color:#2DCE39 }
```

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

Here you see how a box with a 4 pixel #2DCE39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2DCE39; -webkit-box-shadow:4px 4px  
4px 4px #2DCE39; box-shadow:4px 4px 4px  
4px #2DCE39 }
```

# Background

The CSS property to change the background color of an element to Hex 2DCE39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2DCE39 }
```

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

```
.background{ background-color:#2DCE39 }
```

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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