

# Converting Colors

Hex(39D465)

Have a look what the booklet for  
Hex(39D465) contains.

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**Color**

**Hex(39D465)**

# Conversions

## Conversions Part 1

Format	Color
Hex	39D465
RGB	57, 212, 101
RGB Percent	22%, 83%, 40%
CMY	0.7765, 0.1686, 0.6039
CMYK	0.73, 0.00, 0.52, 0.17
HSL	137°, 64%, 53%
HSV	137°, 73%, 83%
XYZ	27.5798, 48.8964, 20.2963
YIQ	153.0010, -56.7490, -67.3810

# Conversions

## Conversions Part 2

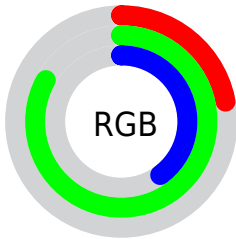
Format	Color
<a href="#">RYB</a>	<a href="#">57, 178, 212</a>
Decimal	<a href="#">3789925</a>
CIELab	<a href="#">75.39, -62.89, 43.32</a>
CIELCh	<a href="#">75, 76.363, 145.442</a>
Yxy	<a href="#">48.8964, 0.2850, 0.5053</a>
Android (android.graphics.Color)	<a href="#">4281980005 (0xFF39D465)</a>
YUV	<a href="#">153.0010, -25.6365, -84.1929</a>
Hunter-Lab	<a href="#">69.9260, -51.9675, 31.7390</a>

# Details

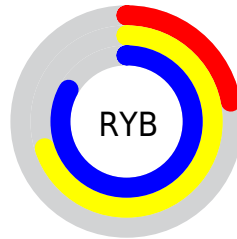
The Hex color **39D465** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **D439A8**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **7DFF9A**, and **009C32** is the 20% darker color. If you saturate the color by 10%, you get **24D456**, and if you desaturate by 10%, it is **4ED474**.

# Distribution



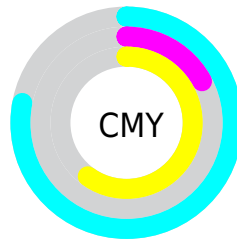
- Red (22%)
- Green (83%)
- Blue (40%)



- Red (22%)
- Yellow (70%)
- Blue (83%)



- Cyan (73%)
- Magenta (0%)
- Yellow (52%)
- Black (17%)



- Cyan (78%)
- Magenta (17%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 39D465 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 39D465 by changing the saturation by 10% instead.



 39D465

 39D465

FFFFFF

 00B84B

 7DFF9A

 009C32

 9CFFB6

 008117

 BAFFD2

 006600

 D9FFEE

 004D00

 F8FFFF

 003600

 001B00

 000000

 39D465

 39D465

 24D456

 4ED474

 0FD447

 63D483

 00D43C

 79D493

 8ED4A2

 A3D4B1

 B8D4C0

 CDD4CF

 E3D4DE

 F8D4EE

# Harmonies

## Analogous

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



A2C727



39D465



00DAAC

# Triad

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



39D465



00C5FF



FF7B82

# Complementary

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



39D465



D439A8

# 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.



FF75C8



39D465



A5ACFF

# Square

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



39D465



00D4FF



FF8CFF



FF9644

# Rectangle

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



39D465



00DBDD



FF8CFF



FF7598

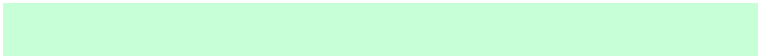


# Sweetspot

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



39D465



C7FFD7



A8D439



5E8068



000000



808080



# Same Dimension

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



39D465



1FFF5E



39D4B2



606B63



00AB30



002B0C



# Inverse Universe

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



D439A8



FF1FBF



D4395B



6B6068



AB007A

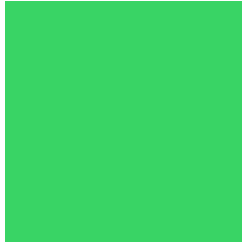


2B001F



# Previews

## White Background



This preview shows how the Hex color 39D465 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 39D465 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

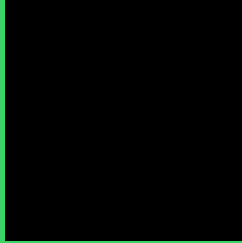
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 39D465 Background



This preview shows how black text looks on a background with the Hex color 39D465.

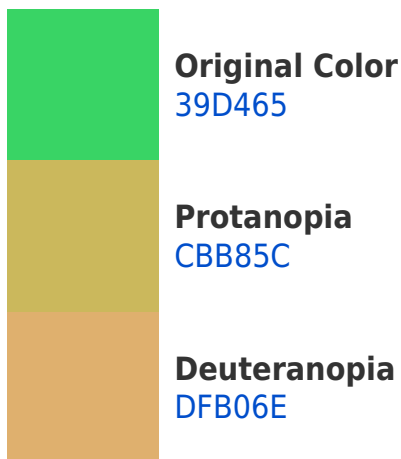


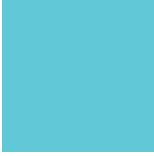
This preview shows how white text looks on a background with the Hex color 39D465.

# 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**  
61C8D8

# Trichromacy



**Original Color**  
39D465



**Protanomaly**  
96C25F



**Deuteranomaly**  
A3BD6B



**Tritanomaly**  
52CCAE

# Monochromacy



**Original Color**  
39D465



**Achromatopsia**  
999999



**Achromatomaly**  
76AE86

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 39D465 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 #39D465 looks like.

```
.text, #text, p{  
    color:#39D465  
}
```

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 #39D465 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39D465
}
```

## Border

The CSS property to change the border of an element to Hex 39D465 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
#39D465 }
```

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

```
.border{ border-color:#39D465 }
```

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

Here you see how a box with a 4 pixel #39D465 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39D465; -webkit-box-shadow:4px 4px  
4px 4px #39D465; box-shadow:4px 4px 4px  
4px #39D465 }
```

# Background

The CSS property to change the background color of an element to Hex 39D465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39D465 }
```

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

```
.background{ background-color:#39D465 }
```

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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