

# Converting Colors

Hex(3CD67A)

Have a look what the booklet for  
Hex(3CD67A) contains.

<b>Hex(3CD67A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(3CD67A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3CD67A
RGB	60, 214, 122
RGB Percent	24%, 84%, 48%
CMY	0.7647, 0.1608, 0.5216
CMYK	0.72, 0.00, 0.43, 0.16
HSL	144°, 65%, 54%
HSV	144°, 72%, 84%
XYZ	29.4229, 50.4589, 26.6012
YIQ	157.4660, -62.2520, -61.2600

# Conversions

## Conversions Part 2

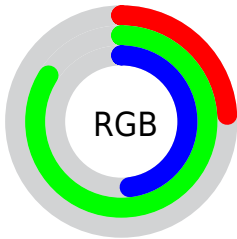
Format	Color
<a href="#">RYB</a>	<a href="#">60, 170, 214</a>
Decimal	<a href="#">3987066</a>
CIELab	<a href="#">76.35, -59.83, 34.20</a>
CIELCh	<a href="#">76, 68.909, 150.248</a>
Yxy	<a href="#">50.4589, 0.2763, 0.4739</a>
Android (android.graphics.Color)	<a href="#">4282177146 (0xFF3CD67A)</a>
YUV	<a href="#">157.4660, -17.4847, -85.4777</a>
Hunter-Lab	<a href="#">71.0345, -50.3745, 27.5211</a>

# Details

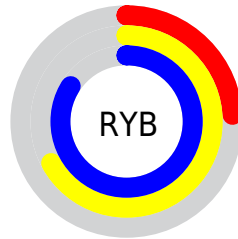
The Hex color **3CD67A** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **D63C98**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **7FFFAF**, and **009E48** is the 20% darker color. If you saturate the color by 10%, you get **27D66D**, and if you desaturate by 10%, it is **51D687**.

# Distribution



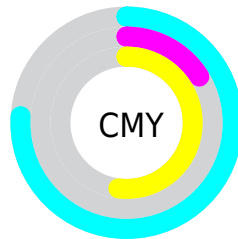
- Red (24%)
- Green (84%)
- Blue (48%)



- Red (24%)
- Yellow (67%)
- Blue (84%)



- Cyan (72%)
- Magenta (0%)
- Yellow (43%)
- Black (16%)



- Cyan (76%)
- Magenta (16%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3CD67A 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 3CD67A by changing the saturation by 10% instead.



 3CD67A

 3CD67A

FFFFFF

 00BA60

 7FFFAF

 009E48

 9EFFCB

 00832F

 BCFFE8

 006817

 DAFFFF

 004F00

 F9FFFF

 003700

 001E00

 000000

 3CD67A

 3CD67A

 27D66D

 51D687

 11D660

 67D694

 00D656

 7CD6A0

 92D6AD

 A7D6BA

 BCD6C7

 D2D6D3

 E7D6E0

 FDD6ED

# Harmonies

## Analogous

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



9DCB45



3CD67A



00DBBB

# Triad

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



3CD67A



00C3FF



FF8980

# Complementary

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



3CD67A



D63C98

# 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.



FF81BE



3CD67A



BDABFF

# Square

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



3CD67A



00D3FF



FF90FD



FFA14C

# Rectangle

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



3CD67A



00DBE7



FF90FD



FF8494

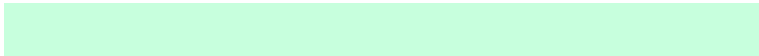


# Sweetspot

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



3CD67A



C7FFDD



98D63C



5E806C



000000



808080



# Same Dimension

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



3CD67A



24FF7C



3CD6C7



606B65



00AB45



002B11



# Inverse Universe

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



D63C98



FF24A7



D63C4B



6B6067



AB0066

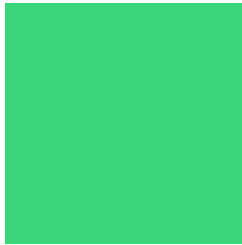


2B001A



# Previews

## White Background



This preview shows how the Hex color 3CD67A 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 3CD67A looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

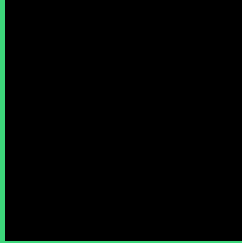
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 3CD67A Background



This preview shows how black text looks on a background with the Hex color 3CD67A.

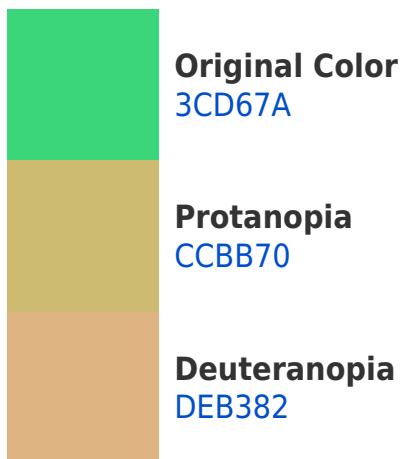


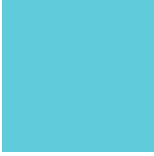
This preview shows how white text looks on a background with the Hex color 3CD67A.

# 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**  
60CBDB

# Trichromacy



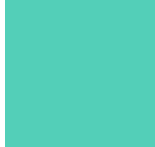
**Original Color**  
3CD67A



**Protanomaly**  
98C574



**Deuteranomaly**  
A3C07F



**Tritanomaly**  
53CFB8

# Monochromacy



**Original Color**  
3CD67A



**Achromatopsia**  
9D9D9D



**Achromatomaly**  
7AB290

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3CD67A 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 #3CD67A looks like.

```
.text, #text, p{  
    color:#3CD67A  
}
```

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 #3CD67A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CD67A
}
```

## Border

The CSS property to change the border of an element to Hex 3CD67A 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
#3CD67A }
```

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

```
.border{ border-color:#3CD67A }
```

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

Here you see how a box with a 4 pixel #3CD67A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CD67A; -webkit-box-shadow:4px 4px  
4px 4px #3CD67A; box-shadow:4px 4px 4px  
4px #3CD67A }
```

# Background

The CSS property to change the background color of an element to Hex 3CD67A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CD67A }
```

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

```
.background{ background-color:#3CD67A }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor