

# Converting Colors

Hex(3CDA84)

Have a look what the booklet for  
Hex(3CDA84) contains.

|  |    |
|--|----|
| <b>Hex(3CDA84)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

**Color**

**Hex(3CDA84)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 3CDA84                       |
| RGB         | 60, 218, 132                 |
| RGB Percent | 24%, 85%, 52%                |
| CMY         | 0.7647, 0.1451, 0.4824       |
| CMYK        | 0.72, 0.00, 0.39, 0.15       |
| HSL         | 147°, 68%, 55%               |
| HSV         | 147°, 72%, 85%               |
| XYZ         | 31.0997, 52.7694, 30.3762    |
| YIQ         | 160.9540, -66.5620, -60.2420 |

# Conversions

## Conversions Part 2

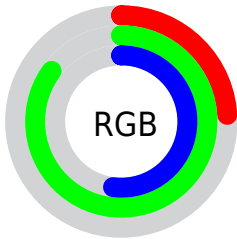
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 60, 169, 218                    |
| Decimal                             | 3988100                         |
| CIELab                              | 77.74, -59.50, 30.93            |
| CIELCh                              | 78, 67.064, 152.531             |
| Yxy                                 | 52.7694, 0.2722,<br>0.4619      |
| Android<br>(android.graphics.Color) | 4282178180<br>(0xFF3CDA84)      |
| YUV                                 | 160.9540, -14.2743,<br>-88.5367 |
| Hunter-Lab                          | 72.6426, -50.7050,<br>26.0571   |

# Details

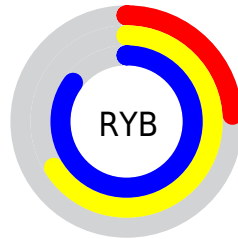
The Hex color **3CDA84** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **DA3C92**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **80FFBA**, and **00A251** is the 20% darker color. If you saturate the color by 10%, you get **26DA78**, and if you desaturate by 10%, it is **52DA90**.

# Distribution



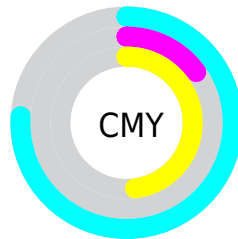
- Red (24%)
- Green (85%)
- Blue (52%)



- Red (24%)
- Yellow (66%)
- Blue (85%)



- Cyan (72%)
- Magenta (0%)
- Yellow (39%)
- Black (15%)



- Cyan (76%)
- Magenta (15%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3CDA84 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 3CDA84 by changing the saturation by 10% instead.





3CDA84



3CDA84

FFFFFF



00BE6A



80FFBA



00A251



9EFFD6



008739



BDFFF2



006C22



DBFFFF



005209



FAFFFF



003A00



002200



000000



3CDA84



3CDA84

 26DA78

 52DA90

 10DA6C

 68DA9C

 00DA63

 7DDAA8

 93DAB3

 A9DABF

 BFDACB

 D5DAD7

 EADAE3

 FFDAEF

# Harmonies

## Analogous

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



9DD050



3CDA84



00DEC4

# Triad

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



3CDA84



38C5FF



FF9181

# Complementary

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



3CDA84



DA3C92

# 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.



FF87BD



3CDA84



C9ADFF

# Square

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



3CDA84



00D5FF



FF94FB



FFA850

# Rectangle

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



3CDA84



00DEEE



FF94FB



FF8B94

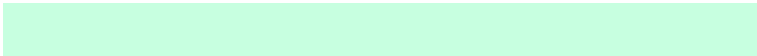


# Sweetspot

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



3CDA84



C7FFE0



93DA3C



5E806D



000000



808080



# Same Dimension

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



3CDA84



21FF86



3CDAD2



636E68



00AD4F



002E15



# Inverse Universe

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



DA3C92



FF219A



DA3C44



6E6369



AD005E

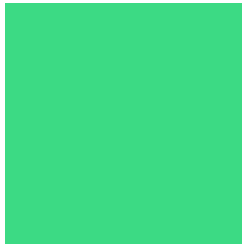


2E0019



# Previews

## White Background



This preview shows how the Hex color 3CDA84 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 3CDA84 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

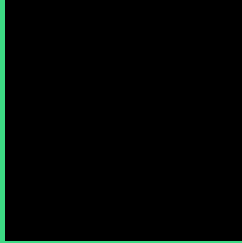
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 3CDA84 Background



This preview shows how black text looks on a background with the Hex color 3CDA84.

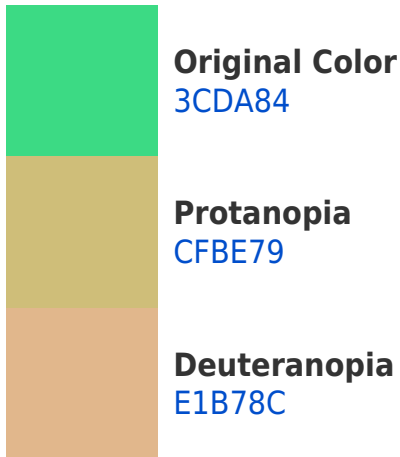


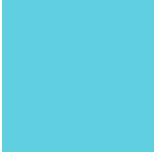
This preview shows how white text looks on a background with the Hex color 3CDA84.

# 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**  
60CFE0

# Trichromacy



**Original Color**  
3CDA84



**Protanomaly**  
9AC87D



**Deuteranomaly**  
A5C489



**Tritanomaly**  
53D3BF

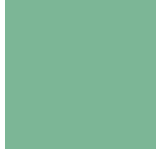
# Monochromacy



**Original Color**  
3CDA84



**Achromatopsia**  
A1A1A1



**Achromatomaly**  
7CB696

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3CDA84 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 #3CDA84 looks like.

```
.text, #text, p{  
  color:#3CDA84  
}
```

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 #3CDA84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CDA84
}
```

## Border

The CSS property to change the border of an element to Hex 3CDA84 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
#3CDA84 }
```

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

```
.border{ border-color:#3CDA84 }
```

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

Here you see how a box with a 4 pixel #3CDA84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CDA84; -webkit-box-shadow:4px 4px  
4px 4px #3CDA84; box-shadow:4px 4px 4px  
4px #3CDA84 }
```

# Background

The CSS property to change the background color of an element to Hex 3CDA84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CDA84 }
```

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

```
.background{ background-color:#3CDA84 }
```

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