

# Converting Colors

Hex(3DCA67)

Have a look what the booklet for  
Hex(3DCA67) contains.

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**Color**

**Hex(3DCA67)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3DCA67
RGB	61, 202, 103
RGB Percent	24%, 79%, 40%
CMY	0.7608, 0.2078, 0.5961
CMYK	0.70, 0.00, 0.49, 0.21
HSL	138°, 57%, 52%
HSV	138°, 70%, 79%
XYZ	25.4932, 44.2124, 20.0222
YIQ	148.5550, -52.2570, -60.6810

# Conversions

## Conversions Part 2

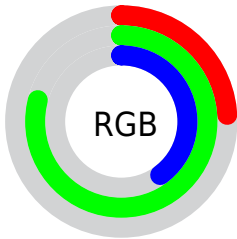
Format	Color
<a href="#">RYB</a>	<a href="#">61, 170, 202</a>
Decimal	<a href="#">4049511</a>
CIELab	<a href="#">72.37, -58.45, 38.63</a>
CIELCh	<a href="#">72, 70.066, 146.540</a>
Yxy	<a href="#">44.2124, 0.2841, 0.4927</a>
Android (android.graphics.Color)	<a href="#">4282239591 (0xFF3DCA67)</a>
YUV	<a href="#">148.5550, -22.4586, -76.7857</a>
Hunter-Lab	<a href="#">66.4924, -47.9249, 28.6913</a>

# Details

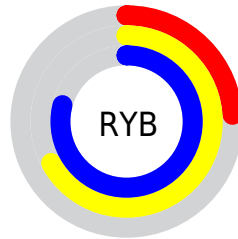
The Hex color **3DCA67** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **CA3DA0**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **7EFF9C**, and **009335** is the 20% darker color. If you saturate the color by 10%, you get **29CA59**, and if you desaturate by 10%, it is **51CA75**.

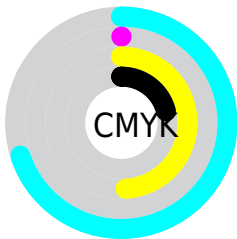
# Distribution



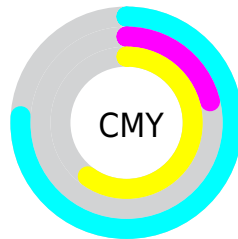
- Red (24%)
- Green (79%)
- Blue (40%)



- Red (24%)
- Yellow (67%)
- Blue (79%)



- Cyan (70%)
- Magenta (0%)
- Yellow (49%)
- Black (21%)



- Cyan (76%)
- Magenta (21%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3DCA67 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 3DCA67 by changing the saturation by 10% instead.



 3DCA67

 3DCA67

FFFFFF

 07AE4E

 7EFF9C

 009335

 9CFFB7

 00781C

 BAFFD3

 005E00

 D8FFF0

 004500

 F6FFFF

 002E00

 000F00

 000000

 3DCA67

 3DCA67

■ 29CA59

■ 51CA75

■ 15CA4B

■ 65CA83

■ 00CA3C

■ 7ACA92

■ 8ECAA0

■ A2CAAE

■ B6CABC

■ CACACA

■ DFCAD8

■ F3CAE7

# Harmonies

## Analogous

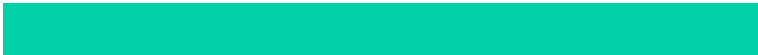
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9ABF32



3DCA67



00CFA8

# Triad

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



3DCA67



00BBFF



FF7A7C

# Complementary

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



3DCA67



CA3DA0

# 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.



FF74BC



3DCA67



A4A4FF

# Square

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



3DCA67



00C9FF



F887F9



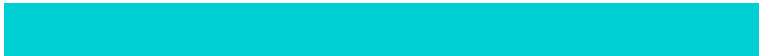
FF9345

# Rectangle

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



3DCA67



00D0D4



F887F9



FF7691

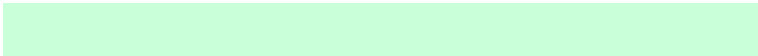


# Sweetspot

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



3DCA67



C9FFD9



A2CA3D



608069



000000



808080



# Same Dimension

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



3DCA67



29FF69



3DCAAB



5C665F



00A631



00260B



# Inverse Universe

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



CA3DA0



FF29BF



CA3D5C



665C63



A60074



26001B



# Previews

## White Background



This preview shows how the Hex color 3DCA67 looks on a white background.

## Color Contrast Check

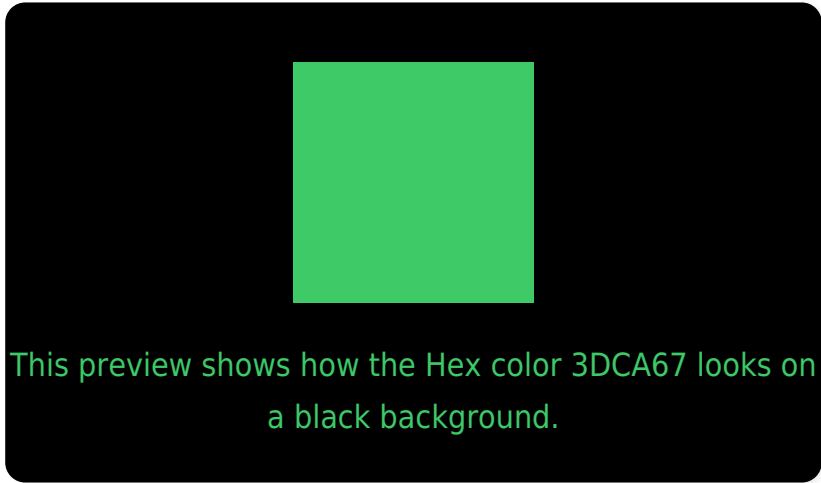
Large Text (above 18pt) WCAG AA × Fail

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

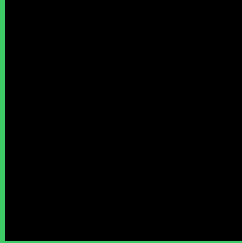
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 3DCA67 Background



This preview shows how black text looks on a background with the Hex color 3DCA67.

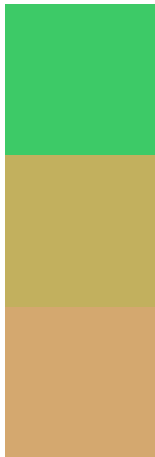


This preview shows how white text looks on a background with the Hex color 3DCA67.

# 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](#).

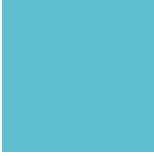
## Dichromacy



**Original Color**  
3DCA67

**Protanopia**  
C2B05E

**Deuteranopia**  
D4A86F



# Trichromacy



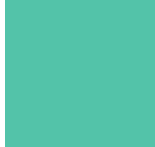
**Original Color**  
3DCA67



**Protanomaly**  
92B961



**Deuteranomaly**  
9DB46C



**Tritanomaly**  
53C3A9

# Monochromacy



**Original Color**  
3DCA67



**Achromatopsia**  
959595



**Achromatomaly**  
75A884

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3DCA67 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 #3DCA67 looks like.

```
.text, #text, p{  
    color:#3DCA67  
}
```

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 #3DCA67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DCA67
}
```

## Border

The CSS property to change the border of an element to Hex 3DCA67 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
#3DCA67 }
```

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

```
.border{ border-color:#3DCA67 }
```

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

Here you see how a box with a 4 pixel #3DCA67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DCA67; -webkit-box-shadow:4px 4px  
4px 4px #3DCA67; box-shadow:4px 4px 4px  
4px #3DCA67 }
```

# Background

The CSS property to change the background color of an element to Hex 3DCA67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DCA67 }
```

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

```
.background{ background-color:#3DCA67 }
```

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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