

Converting Colors

Hex(3DC93D)

Have a look what the booklet for
Hex(3DC93D) contains.

Hex(3DC93D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3DC93D)

Conversions

Conversions Part 1

Format	Color
Hex	3DC93D
RGB	61, 201, 61
RGB Percent	24%, 79%, 24%
CMY	0.7608, 0.2118, 0.7608
CMYK	0.70, 0.00, 0.70, 0.21
HSL	120°, 56%, 51%
HSV	120°, 70%, 79%
XYZ	23.6534, 43.1023, 11.4878
YIQ	143.1800, -38.5000, -73.2200

Conversions

Conversions Part 2

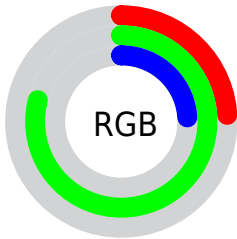
Format	Color
RYB	61, 201, 201
Decimal	4049213
CIELab	71.62, -63.19, 56.57
CIELCh	72, 84.814, 138.163
Yxy	43.1023, 0.3023, 0.5509
Android (android.graphics.Color)	4282239293 (0xFF3DC93D)
YUV	143.1800, -40.5147, -72.0719
Hunter-Lab	65.6523, -50.5811, 35.5821

Details

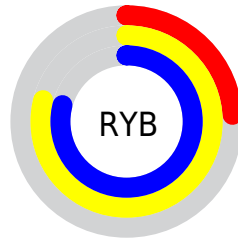
The Hex color **3DC93D** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **C93DC9**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **7FFF74**, and **009100** is the 20% darker color. If you saturate the color by 10%, you get **29C929**, and if you desaturate by 10%, it is **51C951**.

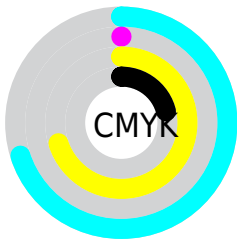
Distribution



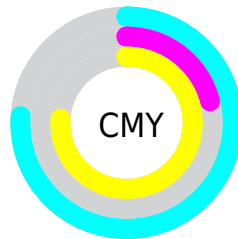
- Red (24%)
- Green (79%)
- Blue (24%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 3DC93D 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 3DC93D by changing the saturation by 10% instead.



3DC93D



3DC93D

FFFFFF



02AD1F



7FFF74



009100



9DFF8F



007700



BCFFAB



005D00



DAFFC7



004300



F9FFE4



002C00



000B00



000000



3DC93D



3DC93D

 29C929

 51C951

 15C915

 65C965

 01C901

 79C979

 00C900

 8DC98D

 A2C9A2

 B6C9B6

 CAC9CA

 DEC9DE

 F2C9F2

Harmonies

Analogous

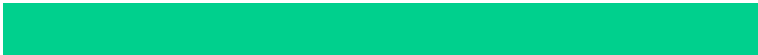
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A6BA00



3DC93D



00D08D

Triad

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



3DC93D



00C2FF



FF5D84

Complementary

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



3DC93D



C93DC9

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.



FF5FD2



3DC93D



61A8FF

Square

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



3DC93D



00CEFF



EC83FF



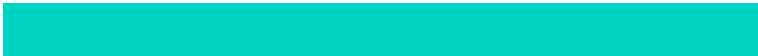
FF7E3B

Rectangle

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



3DC93D



00D2C3



EC83FF



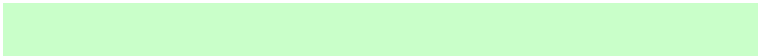
FF599E

Sweetspot

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



3DC93D



C9FFC9



C9C93D



608060



000000



808080

Same Dimension

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



3DC93D



29FF29



3DC983



5A635A



00A300



002400

Inverse Universe

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



C93DC9



FF29FF



C93D83



635A63



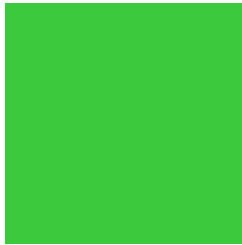
A300A3



240024

Previews

White Background



This preview shows how the Hex color 3DC93D looks on a white background.

Color Contrast Check

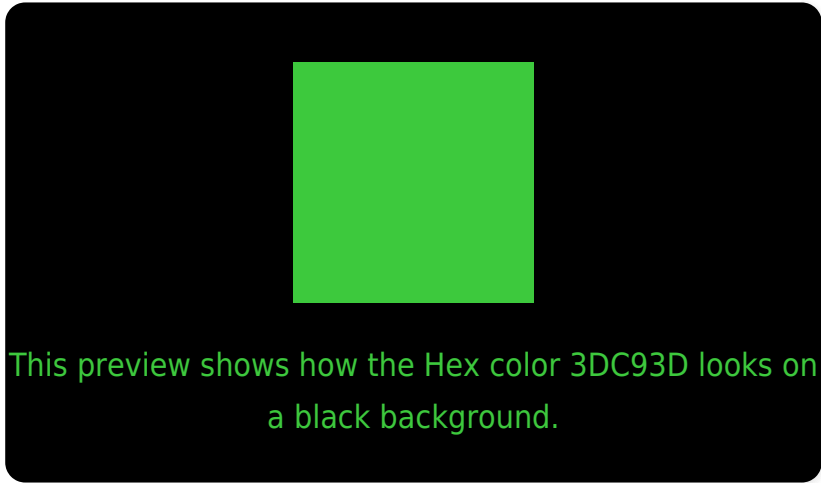
Large Text (above 18pt) WCAG AA × Fail

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 3DC93D Background



This preview shows how black text looks on a background with the Hex color 3DC93D.



This preview shows how white text looks on a background with the Hex color 3DC93D.

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](#).

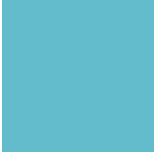
Dichromacy



Original Color
3DC93D

Protanopia
C3AE36

Deuteranopia
D8A549



Tritanopia
63BCCB

Trichromacy



Original Color
3DC93D



Protanomaly
92B839



Deuteranomaly
A0B245



Tritanomaly
55C197

Monochromacy



Original Color
3DC93D



Achromatopsia
8F8F8F



Achromatomaly
71A471

CSS Examples

Text

The CSS property to change the color of the text to Hex 3DC93D 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 #3DC93D looks like.

```
.text, #text, p{  
    color:#3DC93D  
}
```

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 #3DC93D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DC93D
}
```

Border

The CSS property to change the border of an element to Hex 3DC93D 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
#3DC93D }
```

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

```
.border{ border-color:#3DC93D }
```

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

Here you see how a box with a 4 pixel #3DC93D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DC93D; -webkit-box-shadow:4px 4px  
4px 4px #3DC93D; box-shadow:4px 4px 4px  
4px #3DC93D }
```

Background

The CSS property to change the background color of an element to Hex 3DC93D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DC93D }
```

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

```
.background{ background-color:#3DC93D }
```

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