

Converting Colors

Hex(3DDA3B)

Have a look what the booklet for
Hex(3DDA3B) contains.

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Color

Hex(3DDA3B)

Conversions

Conversions Part 1

Format	Color
Hex	3DDA3B
RGB	61, 218, 59
RGB Percent	24%, 85%, 23%
CMY	0.7608, 0.1451, 0.7686
CMYK	0.72, 0.00, 0.73, 0.15
HSL	119°, 68%, 54%
HSV	119°, 73%, 85%
XYZ	27.7853, 51.4507, 12.6042
YIQ	152.9310, -42.5330, -82.7330

Conversions

Conversions Part 2

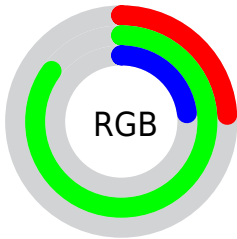
Format	Color
RYB	59, 218, 216
Decimal	4053563
CIELab	76.95, -68.81, 62.79
CIELCh	77, 93.153, 137.621
Yxy	51.4507, 0.3025, 0.5602
Android (android.graphics.Color)	4282243643 (0xFF3DDA3B)
YUV	152.9310, -46.3080, -80.6235
Hunter-Lab	71.7291, -56.3815, 39.7920

Details

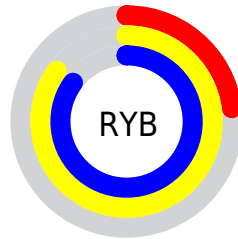
The Hex color **3DDA3B** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **D83BDA**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **83FF74**, and **00A100** is the 20% darker color. If you saturate the color by 10%, you get **27DA25**, and if you desaturate by 10%, it is **53DA51**.

Distribution



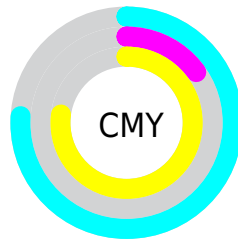
- Red (24%)
- Green (85%)
- Blue (23%)



- Red (23%)
- Yellow (85%)
- Blue (85%)



- Cyan (72%)
- Magenta (0%)
- Yellow (73%)
- Black (15%)



- Cyan (76%)
- Magenta (15%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DDA3B 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 3DDA3B by changing the saturation by 10% instead.



3DDA3B



3DDA3B

FFFFFF



00BD19



83FF74



00A100



A2FF8F



008600



C1FFAC



006C00



E0FFC8



005200



FFFFE5



003A00



002000



000000



3DDA3B



3DDA3B

 27DA25

 53DA51

 12DA0F

 68DA67

 03DA00

 7EDA7C

 93DA92

 A9DAA8

 BEDABE

 D4DAD4

 E9DAE9

 FFDAFF

Harmonies

Analogous

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



B4C900



3DDA3B



00E296

Triad

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



3DDA3B



00D3FF



FF5F8F

Complementary

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



3DDA3B



D83BDA

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.



FF62E6



3DDA3B



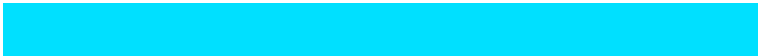
5BB7FF

Square

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



3DDA3B



00E0FF



FF8DFF



FF853D

Rectangle

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



3DDA3B



00E4D2



FF8DFF



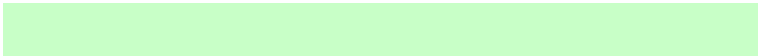
FF59AC

Sweetspot

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



3DDA3B



C8FFC7



DAD73B



5F805E



000000



808080

Same Dimension

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



3DDA3B



21FF1F



3BDA88



636E63



02AD00



012E00

Inverse Universe

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



D83BDA



FC1FFF



DA3B8D



6E636E



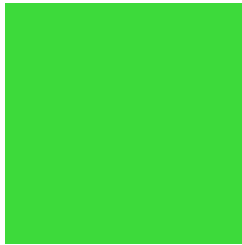
AB00AD



2D002E

Previews

White Background



This preview shows how the Hex color 3DDA3B 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 3DDA3B 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 3DDA3B Background



This preview shows how black text looks on a background with the Hex color 3DDA3B.

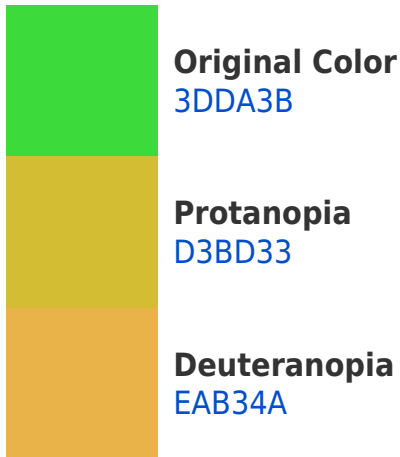


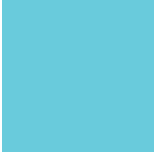
This preview shows how white text looks on a background with the Hex color 3DDA3B.

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](#).

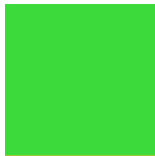
Dichromacy





Tritanopia
69CBDC

Trichromacy



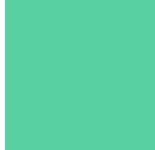
Original Color
3DDA3B



Protanomaly
9CC836



Deuteranomaly
ABC145

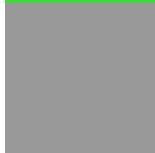


Tritanomaly
59D0A1

Monochromacy



Original Color
3DDA3B



Achromatopsia
999999



Achromatomaly
78B177

CSS Examples

Text

The CSS property to change the color of the text to Hex 3DDA3B 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 #3DDA3B looks like.

```
.text, #text, p{  
    color:#3DDA3B  
}
```

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 #3DDA3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DDA3B
}
```

Border

The CSS property to change the border of an element to Hex 3DDA3B 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
#3DDA3B }
```

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

```
.border{ border-color:#3DDA3B }
```

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

Here you see how a box with a 4 pixel #3DDA3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DDA3B; -webkit-box-shadow:4px 4px  
4px 4px #3DDA3B; box-shadow:4px 4px 4px  
4px #3DDA3B }
```

Background

The CSS property to change the background color of an element to Hex 3DDA3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DDA3B }
```

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

```
.background{ background-color:#3DDA3B }
```

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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