

Converting Colors

Hex(3DB903)

Have a look what the booklet for
Hex(3DB903) contains.

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Color

Hex(3DB903)

Conversions

Conversions Part 1

Format	Color
Hex	3DB903
RGB	61, 185, 3
RGB Percent	24%, 73%, 1%
CMY	0.7608, 0.2745, 0.9882
CMYK	0.67, 0.00, 0.98, 0.27
HSL	101°, 97%, 37%
HSV	101°, 98%, 73%
XYZ	19.2899, 35.6966, 5.9596
YIQ	127.1760, -15.4820, -82.8900

Conversions

Conversions Part 2

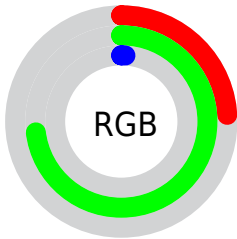
Format	Color
RYB	3, 185, 127
Decimal	4045059
CIELab	66.29, -60.85, 65.94
CIElCh	66, 89.728, 132.704
Yxy	35.6966, 0.3165, 0.5857
Android (android.graphics.Color)	4282235139 (0xFF3DB903)
YUV	127.1760, -61.2188, -58.0364
Hunter-Lab	59.7466, -46.9259, 35.9086

Details

The Hex color **3DB903** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **7F03B9**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **7EF24E**, and **008200** is the 20% darker color. If you saturate the color by 10%, you get **3BB900**, and if you desaturate by 10%, it is **4AB915**.

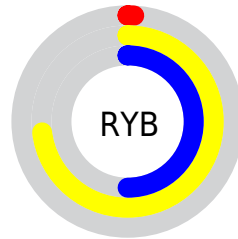
Distribution



Red (24%)

Green (73%)

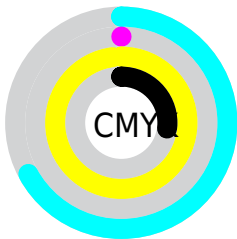
Blue (1%)



Red (1%)

Yellow (73%)

Blue (50%)

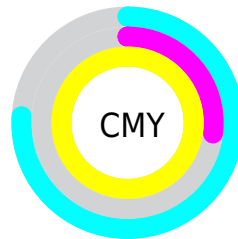


Cyan (67%)

Magenta (0%)

Yellow (98%)

Black (27%)



Cyan (76%)

Magenta (27%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DB903 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 3DB903 by changing the saturation by 10% instead.

 3DB903

 3DB903

FFFFFF

 099D00

 7EF24E

 008200

 9CFF6B

 006800

 BAFF87

 004F00

 D8FFA3

 003700

 F7FFC0

 001E00

 FFFFDD

 000000

 FFFFFA

 3DB903

 3DB903

■ 3BB900

■ 4AB915

■ 56B928

■ 63B93A

■ 6FB94D

■ 7CB95F

■ 89B972

■ 95B984

■ A2B997

■ AEB9AA

Harmonies

Analogous

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



A3A800



3DB903



00C16E

Triad

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



3DB903



00B7FF



FF3A83

Complementary

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



3DB903



7F03B9

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.



FF49D3



3DB903



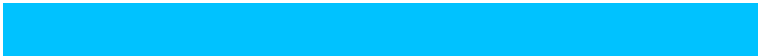
00A0FF

Square

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



3DB903



00C2FF



CD79FF



FF6335

Rectangle

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



3DB903



00C4A6



CD79FF



FF379D

Sweetspot

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



3DB903



BFF0A8



B97C03



5A784D



F7F7F7



787878

Same Dimension

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



3DB903



4CF000



03B921



565C53



329C00



091C00

Inverse Universe

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



7F03B9



A300F0



B9039B



59535C



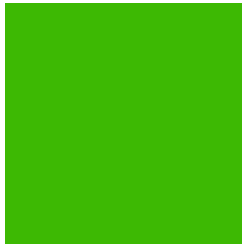
6A009C



13001C

Previews

White Background



This preview shows how the Hex color 3DB903 looks on a white background.

Color Contrast Check

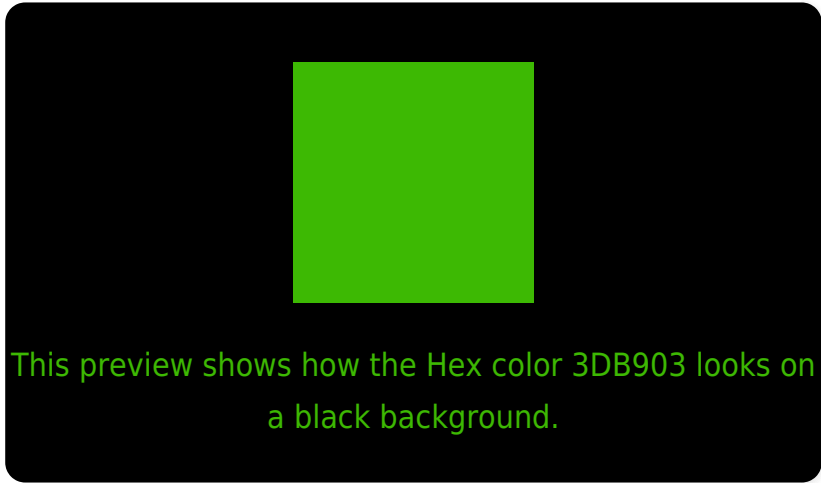
Large Text (above 18pt) WCAG AA × Fail

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 3DB903 Background



This preview shows how black text looks on a background with the Hex color 3DB903.

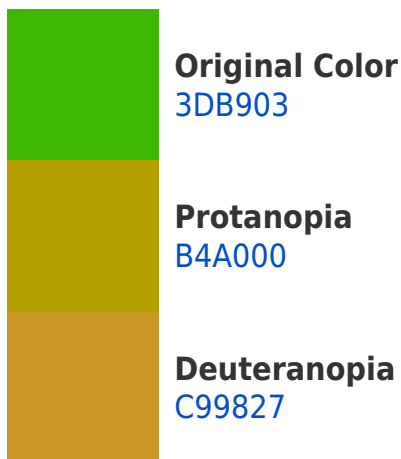


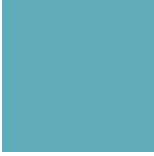
This preview shows how white text looks on a background with the Hex color 3DB903.

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
60ACBA

Trichromacy



Original Color
3DB903



Protanomaly
89A901



Deuteranomaly
96A41A



Tritanomaly
53B177

Monochromacy



Original Color
3DB903



Achromatopsia
7F7F7F



Achromatomaly
679452

CSS Examples

Text

The CSS property to change the color of the text to Hex 3DB903 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 #3DB903 looks like.

```
.text, #text, p{  
    color:#3DB903  
}
```

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 #3DB903 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DB903
}
```

Border

The CSS property to change the border of an element to Hex 3DB903 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
#3DB903 }
```

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

```
.border{ border-color:#3DB903 }
```

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

Here you see how a box with a 4 pixel #3DB903 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DB903; -webkit-box-shadow:4px 4px  
4px 4px #3DB903; box-shadow:4px 4px 4px  
4px #3DB903 }
```

Background

The CSS property to change the background color of an element to Hex 3DB903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DB903 }
```

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

```
.background{ background-color:#3DB903 }
```

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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