

Converting Colors

Hex(3B9900)

Have a look what the booklet for
Hex(3B9900) contains.

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Color

Hex(3B9900)

Conversions

Conversions Part 1

Format	Color
Hex	3B9900
RGB	59, 153, 0
RGB Percent	23%, 60%, 0%
CMY	0.7686, 0.4000, 1.0000
CMYK	0.61, 0.00, 1.00, 0.40
HSL	97°, 100%, 30%
HSV	97°, 100%, 60%
XYZ	13.1949, 23.7123, 3.8815
YIQ	107.4520, -6.9110, -67.5110

Conversions

Conversions Part 2

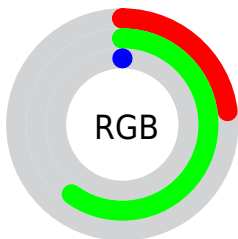
Format	Color
RYB	0, 153, 94
Decimal	3905792
CIELab	55.80, -50.58, 57.97
CIELCh	56, 76.933, 131.107
Yxy	23.7123, 0.3235, 0.5813
Android (android.graphics.Color)	4282095872 (0xFF3B9900)
YUV	107.4520, -52.9738, -42.4924
Hunter-Lab	48.6952, -36.8489, 29.3607

Details

The Hex color **3B9900** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **5E0099**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **76D046**, and **006500** is the 20% darker color. If you saturate the color by 10%, you get **3B9900**, and if you desaturate by 10%, it is **44990F**.

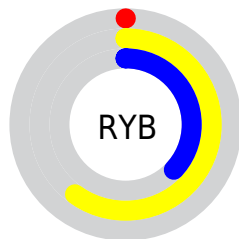
Distribution



Red (23%)

Green (60%)

Blue (0%)



Red (0%)

Yellow (60%)

Blue (37%)

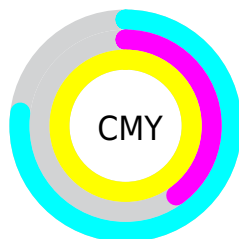


Cyan (61%)

Magenta (0%)

Yellow (100%)

Black (40%)



Cyan (77%)

Magenta (40%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B9900 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 3B9900 by changing the saturation by 10% instead.

 3B9900

 3B9900

FFFFFF

 157E00

 76D046

 006500

 93ED61

 004C00

 B0FF7D

 003400

 CDFF98

 001D00

 EBFFB4

 000000

 FFFFD1

 FFFFEE

 3B9900

 44990F

 4E991F

 57992E

 61993D

 6A994D

 73995C

 7D996B

 86997A

 90998A

Harmonies

Analogous

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



8B8B00



3B9900



00A057

Triad

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



3B9900



0099FF



FA3270

Complementary

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



3B9900



5E0099

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.



E640B3



3B9900



0086FF

Square

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



3B9900



00A1DD



A567EC



EB5130

Rectangle

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



3B9900



00A286



A567EC



F73086

Sweetspot

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



3B9900



A2C78B



995C00



4D6340



E3E3E3



636363

Same Dimension

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



3B9900



4DC700



00990F



484D45



368C00



050D00

Inverse Universe

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



5E0099



7A00C7



99008A



4A454D



56008C



08000D

Previews

White Background



This preview shows how the Hex color 3B9900 looks on a white background.

Color Contrast Check

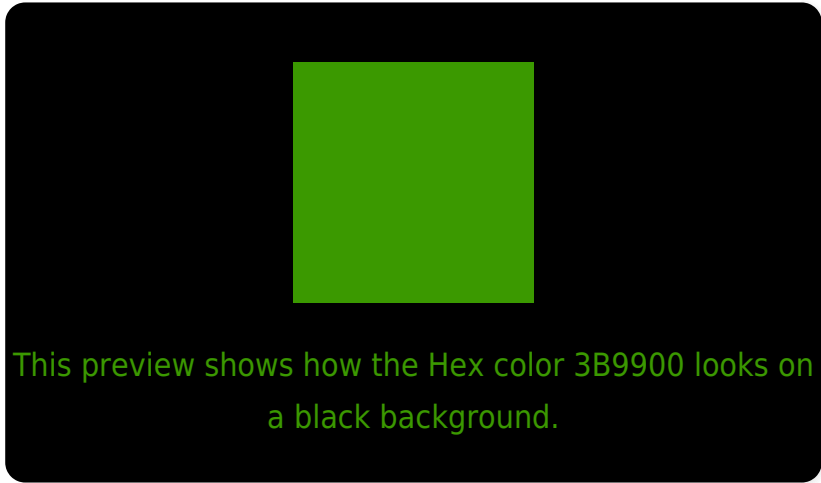
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex 3B9900 Background



This preview shows how black text looks on a background with the Hex color 3B9900.



This preview shows how white text looks on a background with the Hex color 3B9900.

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](#).

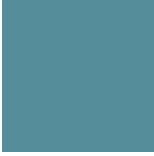
Dichromacy



Original Color
3B9900

Protanopia
968500

Deuteranopia
A77E20



Tritanopia
558E9A

Trichromacy



Original Color
3B9900



Protanomaly
758C00



Deuteranomaly
808814



Tritanomaly
4C9262

Monochromacy



Original Color
3B9900



Achromatopsia
6B6B6B



Achromatomaly
5A7C44

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B9900 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 #3B9900 looks like.

```
.text, #text, p{  
    color:#3B9900  
}
```

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 #3B9900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B9900
}
```

Border

The CSS property to change the border of an element to Hex 3B9900 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
#3B9900 }
```

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

```
.border{ border-color:#3B9900 }
```

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

Here you see how a box with a 4 pixel #3B9900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B9900; -webkit-box-shadow:4px 4px  
4px 4px #3B9900; box-shadow:4px 4px 4px  
4px #3B9900 }
```

Background

The CSS property to change the background color of an element to Hex 3B9900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B9900 }
```

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

```
.background{ background-color:#3B9900 }
```

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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