

Converting Colors

Hex(3B9400)

Have a look what the booklet for
Hex(3B9400) contains.

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Color

Hex(3B9400)

Conversions

Conversions Part 1

Format	Color
Hex	3B9400
RGB	59, 148, 0
RGB Percent	23%, 58%, 0%
CMY	0.7686, 0.4196, 1.0000
CMYK	0.60, 0.00, 1.00, 0.42
HSL	96°, 100%, 29%
HSV	96°, 100%, 58%
XYZ	12.3935, 22.1096, 3.6144
YIQ	104.5170, -5.5360, -64.8960

Conversions

Conversions Part 2

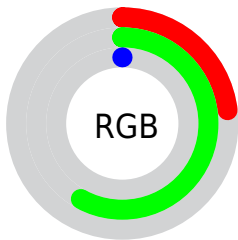
Format	Color
RYB	0, 148, 89
Decimal	3904512
CIELab	54.14, -48.80, 56.66
CIELCh	54, 74.775, 130.735
Yxy	22.1096, 0.3251, 0.5800
Android (android.graphics.Color)	4282094592 (0xFF3B9400)
YUV	104.5170, -51.5269, -39.9184
Hunter-Lab	47.0209, -35.2383, 28.3571

Details

The Hex color **3B9400** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **590094**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **76CB45**, and **006000** is the 20% darker color. If you saturate the color by 10%, you get **3B9400**, and if you desaturate by 10%, it is **44940F**.

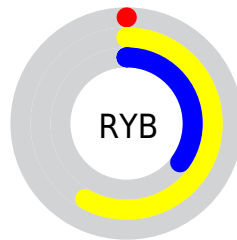
Distribution



Red (23%)

Green (58%)

Blue (0%)



Red (0%)

Yellow (58%)

Blue (35%)

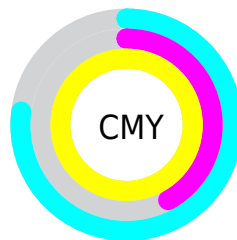


Cyan (60%)

Magenta (0%)

Yellow (100%)

Black (42%)



Cyan (77%)

Magenta (42%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B9400 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 3B9400 by changing the saturation by 10% instead.

 3B9400

 3B9400

FFFFFF

 177A00

 76CB45

 006000

 92E760

 004700

 AFFF7B

 003000

 CCFF97

 001700

 EAFFB2

 000000

 FFFFCF

 FFFFEC

 3B9400


 44940F

 4D941E

 56942C

 5F943B

 68944A

 709459

 799468

 829476

 8B9485

Harmonies

Analogous

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



878600



3B9400



009B54

Triad

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



3B9400



0094FC



F2316D

Complementary

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



3B9400



590094

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.



DE3FAE



3B9400



0082FF

Square

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



3B9400



009CD5



9F64E4



E44E2F

Rectangle

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



3B9400



009D81



9F64E4



EF3083

Sweetspot

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



3B9400



9DBF86



945900



4C613E



E0E0E0



616161

Same Dimension

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



3B9400



4CBF00



00940F



464A43



378A00



040A00

Inverse Universe

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



590094



7300BF



940085



47434A



53008A



06000A

Previews

White Background



This preview shows how the Hex color 3B9400 looks on a white background.

Color Contrast Check

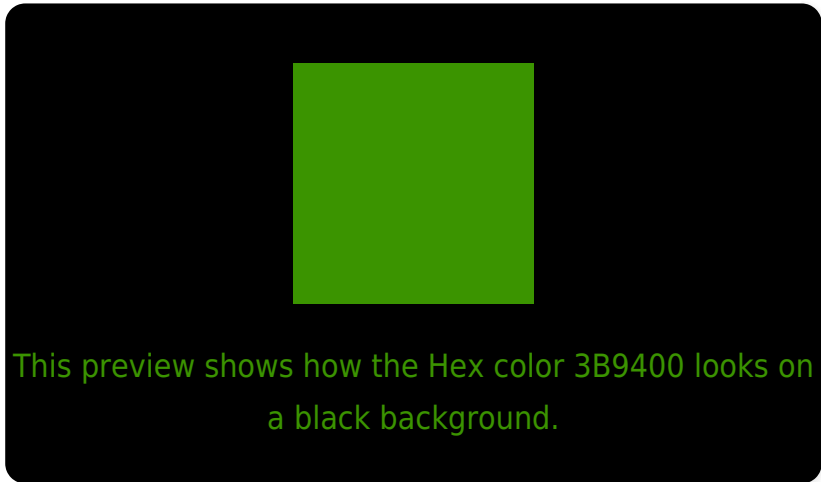
Large Text (above 18pt) WCAG AA ✓ Pass

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

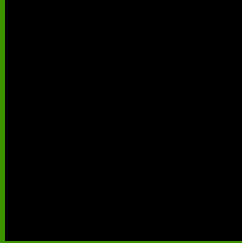
Any Text WCAG AA ✓ Pass

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 3B9400 Background



This preview shows how black text looks on a background with the Hex color 3B9400.



This preview shows how white text looks on a background with the Hex color 3B9400.

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
3B9400

Protanopia
918100

Deuteranopia
A27A1F



Tritanopia
538A95

Trichromacy



Original Color
3B9400



Protanomaly
728800



Deuteranomaly
7D8314



Tritanomaly
4A8E5F

Monochromacy



Original Color
3B9400



Achromatopsia
696969



Achromatomaly
587943

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B9400 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 #3B9400 looks like.

```
.text, #text, p{  
    color:#3B9400  
}
```

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 #3B9400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B9400
}
```

Border

The CSS property to change the border of an element to Hex 3B9400 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
#3B9400 }
```

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

```
.border{ border-color:#3B9400 }
```

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

Here you see how a box with a 4 pixel #3B9400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B9400; -webkit-box-shadow:4px 4px  
4px 4px #3B9400; box-shadow:4px 4px 4px  
4px #3B9400 }
```

Background

The CSS property to change the background color of an element to Hex 3B9400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B9400 }
```

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

```
.background{ background-color:#3B9400 }
```

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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