

Converting Colors

Hex(3F9D02)

Have a look what the booklet for
Hex(3F9D02) contains.

Hex(3F9D02)	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(3F9D02)

Conversions

Conversions Part 1

Format	Color
Hex	3F9D02
RGB	63, 157, 2
RGB Percent	25%, 62%, 1%
CMY	0.7529, 0.3843, 0.9922
CMYK	0.60, 0.00, 0.99, 0.38
HSL	96°, 97%, 31%
HSV	96°, 99%, 62%
XYZ	14.1178, 25.1751, 4.1726
YIQ	111.2240, -6.2690, -68.1330

Conversions

Conversions Part 2

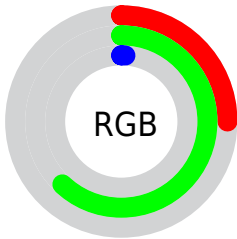
Format	Color
RYB	2, 157, 96
Decimal	4168962
CIELab	57.25, -50.92, 58.86
CIELCh	57, 77.824, 130.863
Yxy	25.1751, 0.3248, 0.5792
Android (android.graphics.Color)	4282359042 (0xFF3F9D02)
YUV	111.2240, -53.8474, -42.2924
Hunter-Lab	50.1748, -37.5808, 30.1917

Details

The Hex color **3F9D02** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **60029D**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **7AD448**, and **006800** is the 20% darker color. If you saturate the color by 10%, you get **3E9D00**, and if you desaturate by 10%, it is **499D12**.

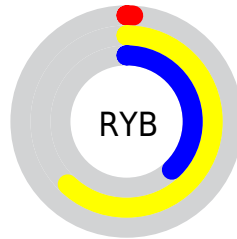
Distribution



Red (25%)

Green (62%)

Blue (1%)



Red (1%)

Yellow (62%)

Blue (38%)

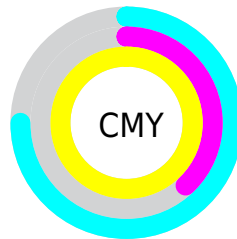


Cyan (60%)

Magenta (0%)

Yellow (99%)

Black (38%)



Cyan (75%)

Magenta (38%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F9D02 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 3F9D02 by changing the saturation by 10% instead.



3F9D02



3F9D02

FFFFFF



1B8200



7AD448



006800



97F163



004F00



B4FF7F



003700



D1FF9A



002100



EFFFB6



000000



FFFFD3



FFFFFF0



3F9D02



3F9D02

■ 3E9D00

■ 499D12

■ 529D21

■ 5C9D31

■ 659D41

■ 6F9D51

■ 789D60

■ 829D70

■ 8B9D80

■ 959D8F

Harmonies

Analogous

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



908E00



3F9D02



00A45A

Triad

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



3F9D02



009DFF



FF3574

Complementary

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



3F9D02



60029D

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.



EB44B8



3F9D02



008AFF

Square

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



3F9D02



00A6E1



A96AF1



F15332

Rectangle

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



3F9D02



00A78A



A96AF1



FD348B

Sweetspot

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



3F9D02



A7CC8F



9D5F02



506641



E6E6E6



666666

Same Dimension

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



3F9D02



50CC00



029D11



4A4F47



388F00



060F00

Inverse Universe

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



60029D



7C00CC



9D028E



4C474F



57008F



09000F

Previews

White Background



This preview shows how the Hex color 3F9D02 looks on a white background.

Color Contrast Check

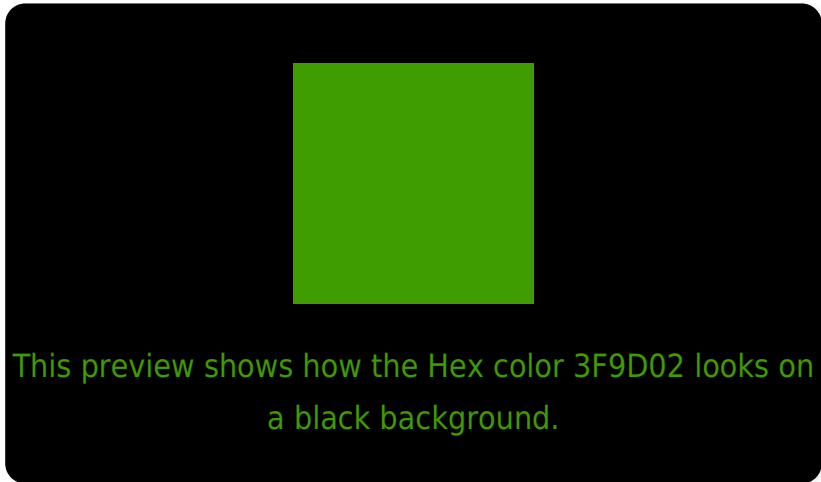
Large Text (above 18pt) WCAG AA ✓ Pass

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

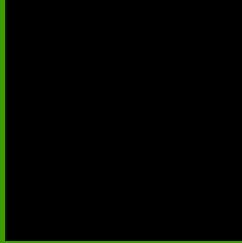
Any Text WCAG AA ✓ Pass

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 3F9D02 Background



This preview shows how black text looks on a background with the Hex color 3F9D02.



This preview shows how white text looks on a background with the Hex color 3F9D02.

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
3F9D02

Protanopia
9A8900

Deuteranopia
AC8221



Tritanopia
58929E

Trichromacy



Original Color
3F9D02



Protanomaly
799001



Deuteranomaly
848C16



Tritanomaly
4F9665

Monochromacy



Original Color
3F9D02



Achromatopsia
6F6F6F



Achromatomaly
5E8047

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F9D02 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 #3F9D02 looks like.

```
.text, #text, p{  
    color:#3F9D02  
}
```

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 #3F9D02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F9D02
}
```

Border

The CSS property to change the border of an element to Hex 3F9D02 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".

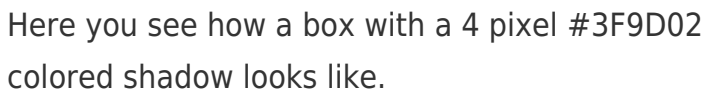
```
.border, #border, table{ border:4px solid
#3F9D02 }
```

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

```
.border{ border-color:#3F9D02 }
```

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

Here you see how a box with a 4 pixel #3F9D02 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F9D02; -webkit-box-shadow:4px 4px  
4px 4px #3F9D02; box-shadow:4px 4px 4px  
4px #3F9D02 }
```

Background

The CSS property to change the background color of an element to Hex 3F9D02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F9D02 }
```

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

```
.background{ background-color:#3F9D02 }
```

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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