

Converting Colors

Hex(3F9909)

Have a look what the booklet for
Hex(3F9909) contains.

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Color

Hex(3F9909)

Conversions

Conversions Part 1

Format	Color
Hex	3F9909
RGB	63, 153, 9
RGB Percent	25%, 60%, 4%
CMY	0.7529, 0.4000, 0.9647
CMYK	0.59, 0.00, 0.94, 0.40
HSL	98°, 89%, 32%
HSV	98°, 94%, 60%
XYZ	13.4904, 23.8590, 4.1527
YIQ	109.6740, -7.4160, -63.8640

Conversions

Conversions Part 2

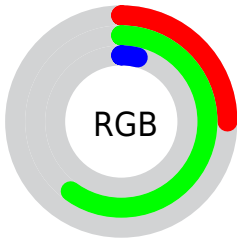
Format	Color
R_{YB}	9, 153, 99
Decimal	4167945
CIE Lab	55.95, -49.30, 56.72
CIE LCh	56, 75.153, 130.994
Yxy	23.8590, 0.3251, 0.5749
Android (android.graphics.Color)	4282358025 (0xFF3F9909)
YUV	109.6740, -49.6323, -40.9331
Hunter-Lab	48.8456, -36.1808, 29.1513

Details

The Hex color **3F9909** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **630999**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **79D04A**, and **006500** is the 20% darker color. If you saturate the color by 10%, you get **399900**, and if you desaturate by 10%, it is **499918**.

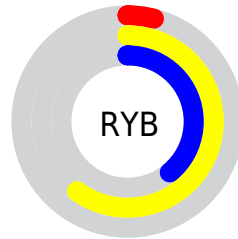
Distribution



Red (25%)

Green (60%)

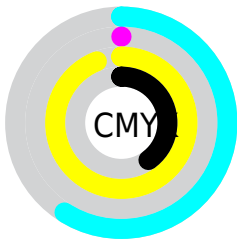
Blue (4%)



Red (4%)

Yellow (60%)

Blue (39%)

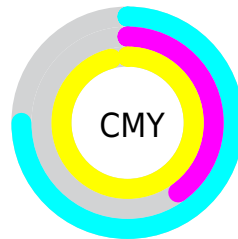


Cyan (59%)

Magenta (0%)

Yellow (94%)

Black (40%)



Cyan (75%)

Magenta (40%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F9909 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 3F9909 by changing the saturation by 10% instead.



3F9909



3F9909

FFFFFF



1C7E00



79D04A



006500



96ED65



004C00



B3FF80



003400



D0FF9B



001D00



EEFFB7



000000



FFFFD4



FFFFF1



3F9909



3F9909

■ 399900

■ 499918

■ 529928

■ 5C9937

■ 659946

■ 6F9956

■ 789965

■ 829974

■ 8C9983

■ 959993

Harmonies

Analogous

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



8C8B00



3F9909



00A059

Triad

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



3F9909



0099FF



F83771

Complementary

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



3F9909



630999

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.



E444B2



3F9909



0086FF

Square

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



3F9909



00A1DB



A568EA



EA5332

Rectangle

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



3F9909



00A286



A568EA



F53687

Sweetspot

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



3F9909



A4C78F



996209



4E6342



E3E3E3



636363

Same Dimension

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



3F9909



4BC700



09991A



484D45



358C00



050D00

Inverse Universe

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



630999



7C00C7



990988



4A454D



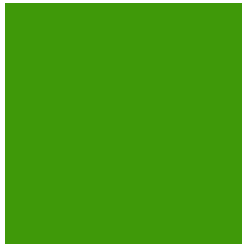
58008C



08000D

Previews

White Background



This preview shows how the Hex color 3F9909 looks on a white background.

Color Contrast Check

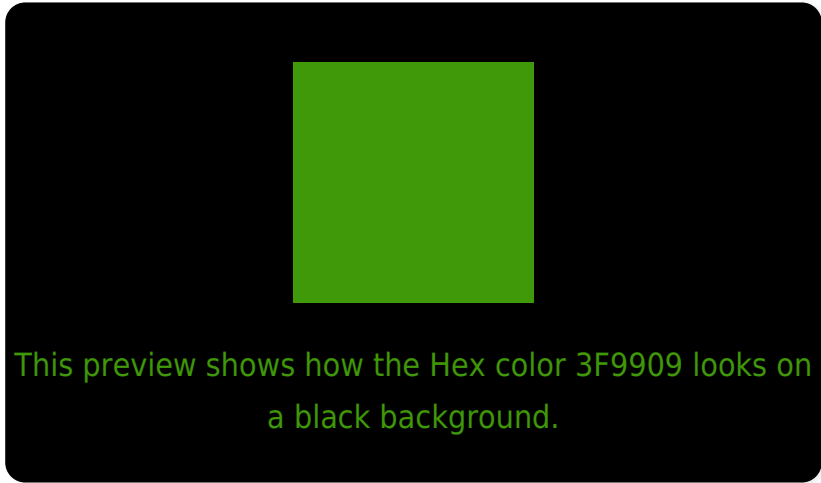
Large Text (above 18pt) WCAG AA ✓ Pass

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 3F9909 Background



This preview shows how black text looks on a background with the Hex color 3F9909.



This preview shows how white text looks on a background with the Hex color 3F9909.

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
3F9909

Protanopia
968600

Deuteranopia
A87E21



Tritanopia
578E9A

Trichromacy



Original Color
3F9909



Protanomaly
768D03



Deuteranomaly
828818



Tritanomaly
4E9265

Monochromacy



Original Color
3F9909



Achromatopsia
6E6E6E



Achromatomaly
5D7E49

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F9909 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 #3F9909 looks like.

```
.text, #text, p{  
    color:#3F9909  
}
```

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 #3F9909 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F9909
}
```

Border

The CSS property to change the border of an element to Hex 3F9909 is called "border". The border property can be set on classes, ids or directly on the HTML element.

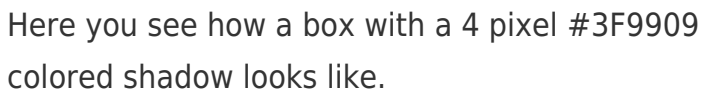
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3F9909 }
```

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

```
.border{ border-color:#3F9909 }
```

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



Here you see how a box with a 4 pixel #3F9909 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F9909; -webkit-box-shadow:4px 4px  
4px 4px #3F9909; box-shadow:4px 4px 4px  
4px #3F9909 }
```

Background

The CSS property to change the background color of an element to Hex 3F9909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F9909 }
```

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

```
.background{ background-color:#3F9909 }
```

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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