

Converting Colors

Hex(3B9E12)

Have a look what the booklet for
Hex(3B9E12) contains.

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Color

Hex(3B9E12)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 3B9E12 |
| RGB | 59, 158, 18 |
| RGB Percent | 23%, 62%, 7% |
| CMY | 0.7686, 0.3804, 0.9294 |
| CMYK | 0.63, 0.00, 0.89, 0.38 |
| HSL | 102°, 80%, 35% |
| HSV | 102°, 89%, 62% |
| XYZ | 14.1397, 25.4272, 4.7350 |
| YIQ | 112.4390, -14.0640, -64.5280 |

Conversions

Conversions Part 2

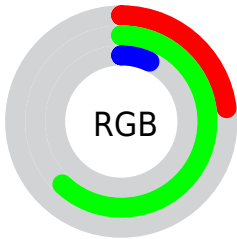
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 18, 158, 117 |
| Decimal | 3907090 |
| CIELab | 57.49, -51.83, 56.37 |
| CIELCh | 57, 76.580, 132.595 |
| Yxy | 25.4272, 0.3192, 0.5740 |
| Android (android.graphics.Color) | 4282097170 (0xFF3B9E12) |
| YUV | 112.4390, -46.5584, -46.8660 |
| Hunter-Lab | 50.4254, -38.1916, 29.7304 |

Details

The Hex color **3B9E12** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **75129E**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **77D64F**, and **006900** is the 20% darker color. If you saturate the color by 10%, you get **309E02**, and if you desaturate by 10%, it is **469E22**.

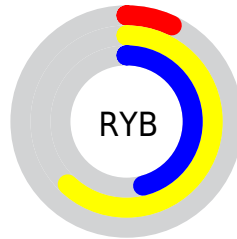
Distribution



Red (23%)

Green (62%)

Blue (7%)



Red (7%)

Yellow (62%)

Blue (46%)

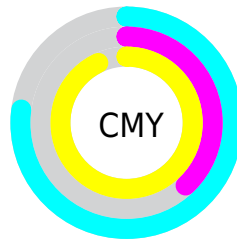


Cyan (63%)

Magenta (0%)

Yellow (89%)

Black (38%)



Cyan (77%)

Magenta (38%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B9E12 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 3B9E12 by changing the saturation by 10% instead.



3B9E12



3B9E12

FFFFFF



148300



77D64F



006900



94F269



005000



B1FF85



003800



CEFFA0



002100



ECFFBC



000000



FFFFD9



FFFFF6



3B9E12



3B9E12

■ 309E02

■ 469E22

■ 2E9E00

■ 519E32

■ 5D9E41

■ 689E51

■ 739E61

■ 7E9E71

■ 899E81

■ 949E90

■ A09EA0

Harmonies

Analogous

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



8D9000



3B9E12



00A55F

Triad

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



3B9E12



009DFF



FF3A71

Complementary

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



3B9E12



75129E

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.



EC45B4



3B9E12



0089FF

Square

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



3B9E12



00A6E4



AF69EE



EF5831

Rectangle

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



3B9E12



00A78E



AF69EE



FD3887

Sweetspot

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



3B9E12



A7CF97



9E7412



516947



E8E8E8



696969

Same Dimension

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



3B9E12



3CCF00



129E2E



494F47



2A8F00



040F00

Inverse Universe

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



75129E



9200CF



9E1282



4D474F



65008F



0B000F

Previews

White Background



This preview shows how the Hex color 3B9E12 looks on a white background.

Color Contrast Check

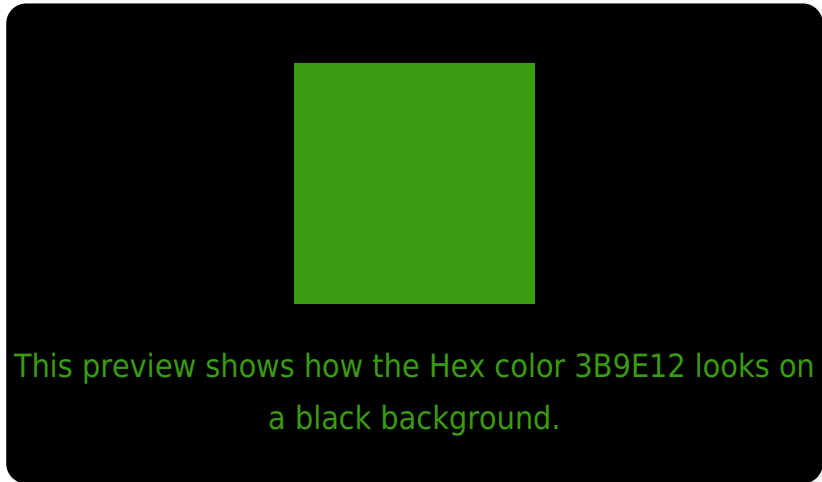
Large Text (above 18pt) WCAG AA ✓ Pass

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 3B9E12 Background



This preview shows how black text looks on a background with the Hex color 3B9E12.



This preview shows how white text looks on a background with the Hex color 3B9E12.

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
3B9E12

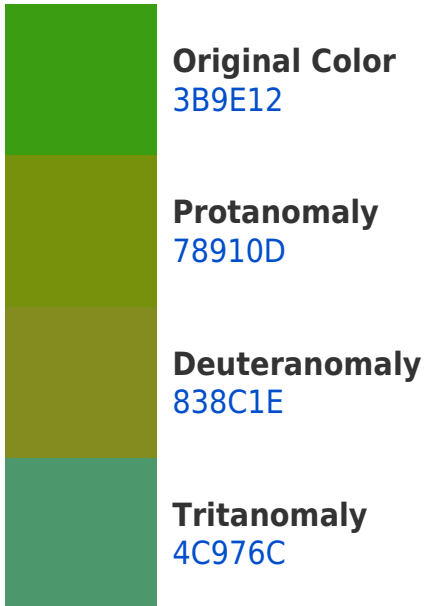
Protanopia
9B8A0A

Deuteranopia
AC8225



Tritanopia
56939F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3B9E12 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 #3B9E12 looks like.

```
.text, #text, p{  
    color:#3B9E12  
}
```

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 #3B9E12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B9E12
}
```

Border

The CSS property to change the border of an element to Hex 3B9E12 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
#3B9E12 }
```

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

```
.border{ border-color:#3B9E12 }
```

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

Here you see how a box with a 4 pixel #3B9E12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B9E12; -webkit-box-shadow:4px 4px  
4px 4px #3B9E12; box-shadow:4px 4px 4px  
4px #3B9E12 }
```

Background

The CSS property to change the background color of an element to Hex 3B9E12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B9E12 }
```

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

```
.background{ background-color:#3B9E12 }
```

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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