

Converting Colors

Hex(3C9F1B)

Have a look what the booklet for
Hex(3C9F1B) contains.

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Color

Hex(3C9F1B)

Conversions

Conversions Part 1

Format	Color
Hex	3C9F1B
RGB	60, 159, 27
RGB Percent	24%, 62%, 11%
CMY	0.7647, 0.3765, 0.8941
CMYK	0.62, 0.00, 0.83, 0.38
HSL	105°, 71%, 36%
HSV	105°, 83%, 62%
XYZ	14.4594, 25.8361, 5.2617
YIQ	114.3510, -16.6320, -62.0400

Conversions

Conversions Part 2

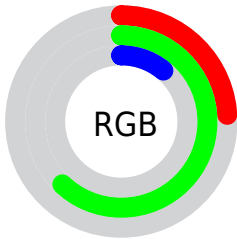
Format	Color
RYB	27, 159, 126
Decimal	3972891
CIELab	57.88, -51.54, 54.53
CIElCh	58, 75.033, 133.382
Yxy	25.8361, 0.3174, 0.5671
Android (android.graphics.Color)	4282162971 (0xFF3C9F1B)
YUV	114.3510, -43.0640, -47.6658
Hunter-Lab	50.8292, -38.1730, 29.4429

Details

The Hex color **3C9F1B** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **7E1B9F**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **78D754**, and **006A00** is the 20% darker color. If you saturate the color by 10%, you get **309F0B**, and if you desaturate by 10%, it is **489F2B**.

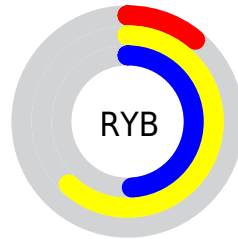
Distribution



Red (24%)

Green (62%)

Blue (11%)



Red (11%)

Yellow (62%)

Blue (49%)

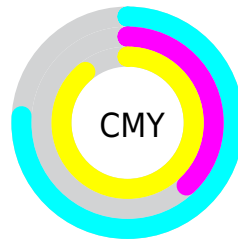


Cyan (62%)

Magenta (0%)

Yellow (83%)

Black (38%)



Cyan (76%)

Magenta (38%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C9F1B 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 3C9F1B by changing the saturation by 10% instead.

 3C9F1B

 3C9F1B

FFFFFF

 168400

 78D754

 006A00

 94F36F

 005100

 B1FF8A

 003900

 CFFFA5

 002200

 ECFFC1

 000000

 FFFFDE

 FFFFFB

 3C9F1B

 3C9F1B

■ 309F0B

■ 489F2B

■ 289F00

■ 549F3B

■ 609F4B

■ 6C9F5B

■ 789F6A

■ 849F7A

■ 8F9F8A

■ 9B9F9A

■ A79FAA

Harmonies

Analogous

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



8D9100



3C9F1B



00A663

Triad

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



3C9F1B



009DFF



FE3F71

Complementary

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



3C9F1B



7E1B9F

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.



ED48B2



3C9F1B



0089FF

Square

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



3C9F1B



00A6E4



B16AEC



EE5B32

Rectangle

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



3C9F1B



00A891



B16AEC



FC3D87

Sweetspot

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



3C9F1B



A8CF9B



9F7E1B



516949



E8E8E8



696969

Same Dimension

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



3C9F1B



34CF00



1B9F3C



494F47



248F00



040F00

Inverse Universe

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



7E1B9F



9B00CF



9F1B7E



4D474F



6B008F



0B000F

Previews

White Background



This preview shows how the Hex color 3C9F1B looks on a white background.

Color Contrast Check

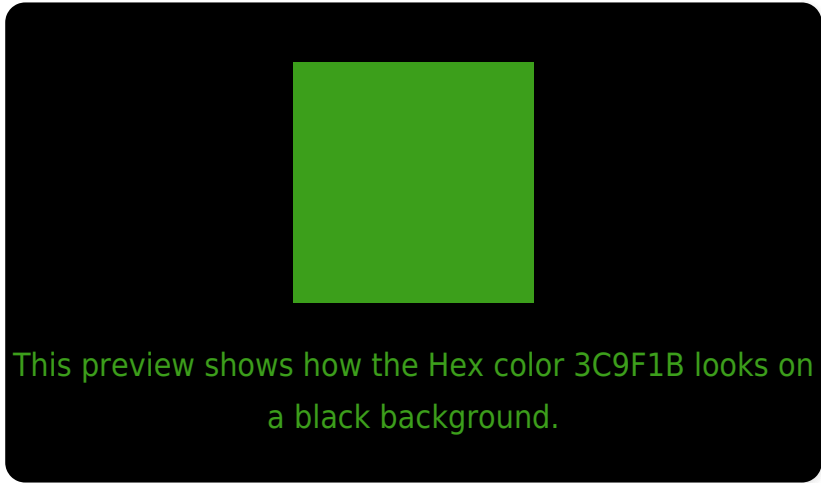
Large Text (above 18pt) WCAG AA ✓ Pass

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 3C9F1B Background



This preview shows how black text looks on a background with the Hex color 3C9F1B.



This preview shows how white text looks on a background with the Hex color 3C9F1B.

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
3C9F1B

Protanopia
9C8A15

Deuteranopia
AD832A



Tritanopia
5794A0

Trichromacy



Original Color
3C9F1B



Protanomaly
799217



Deuteranomaly
848D25



Tritanomaly
4D9870

Monochromacy



Original Color
3C9F1B



Achromatopsia
727272



Achromatomaly
5E8252

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C9F1B 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 #3C9F1B looks like.

```
.text, #text, p{  
    color:#3C9F1B  
}
```

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 #3C9F1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C9F1B
}
```

Border

The CSS property to change the border of an element to Hex 3C9F1B 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
#3C9F1B }
```

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

```
.border{ border-color:#3C9F1B }
```

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

Here you see how a box with a 4 pixel #3C9F1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C9F1B; -webkit-box-shadow:4px 4px  
4px 4px #3C9F1B; box-shadow:4px 4px 4px  
4px #3C9F1B }
```

Background

The CSS property to change the background color of an element to Hex 3C9F1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C9F1B }
```

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

```
.background{ background-color:#3C9F1B }
```

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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