

Converting Colors

Hex(3A9718)

Have a look what the booklet for
Hex(3A9718) contains.

Hex(3A9718)	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(3A9718)

Conversions

Conversions Part 1

Format	Color
Hex	3A9718
RGB	58, 151, 24
RGB Percent	23%, 59%, 9%
CMY	0.7725, 0.4078, 0.9059
CMYK	0.62, 0.00, 0.84, 0.41
HSL	104°, 73%, 34%
HSV	104°, 84%, 59%
XYZ	12.9764, 23.0987, 4.6387
YIQ	108.7150, -14.6610, -59.2130

Conversions

Conversions Part 2

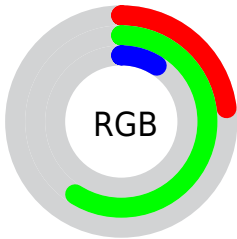
Format	Color
RYB	24, 151, 117
Decimal	3839768
CIELab	55.17, -49.32, 52.86
CIElCh	55, 72.300, 133.017
Yxy	23.0987, 0.3187, 0.5673
Android (android.graphics.Color)	4282029848 (0xFF3A9718)
YUV	108.7150, -41.7645, -44.4771
Hunter-Lab	48.0611, -35.9123, 27.9203

Details


The Hex color **3A9718** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **751897**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **75CE51**, and **006300** is the 20% darker color. If you saturate the color by 10%, you get **2F9709**, and if you desaturate by 10%, it is **459727**.

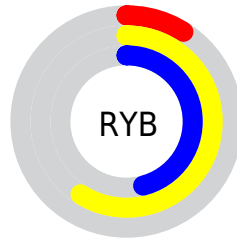
Distribution



 Red (23%)

 Green (59%)

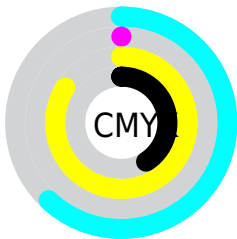
 Blue (9%)




 Red (9%)

 Yellow (59%)

 Blue (46%)

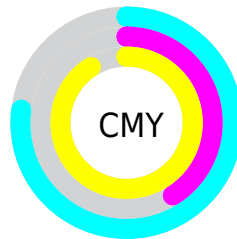


 Cyan (62%)


 Magenta (0%)

 Yellow (84%)

 Black (41%)



 Cyan (77%)

 Magenta (41%)

 Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the Hex color 3A9718 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 3A9718 by changing the saturation by 10% instead.

 3A9718

 3A9718

FFFFFF

 157D00

 75CE51

 006300

 91EB6B

 004A00

 AEFF86

 003300

 CBFFA2

 001B00

 E9FFBE

 000000

 FFFFDA

 FFFFF7

 3A9718

 3A9718

■ 2F9709

■ 459727

■ 289700

■ 509736

■ 5B9745

■ 669754

■ 719764

■ 7C9773

■ 879782

■ 929791

■ 9E97A0

Harmonies

Analogous

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



868A00



3A9718



009E5D

Triad

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



3A9718



0095FD



F23C6C

Complementary

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



3A9718



751897

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.



E145AA



3A9718



0083FF

Square

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



3A9718



009ED9



A865E1



E35630

Rectangle

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



3A9718



00A089



A865E1



F03A81

Sweetspot

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



3A9718



A0C493



977318



4E6346



E3E3E3



636363

Same Dimension

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



3A9718



35C400



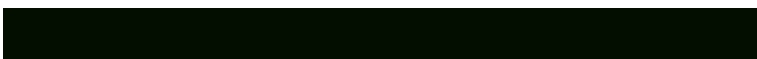
189734



474D45



268C00



030D00

Inverse Universe

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



751897



9000C4



97187B



4A454D



67008C



09000D

Previews

White Background



This preview shows how the Hex color 3A9718 looks on a white background.

Color Contrast Check

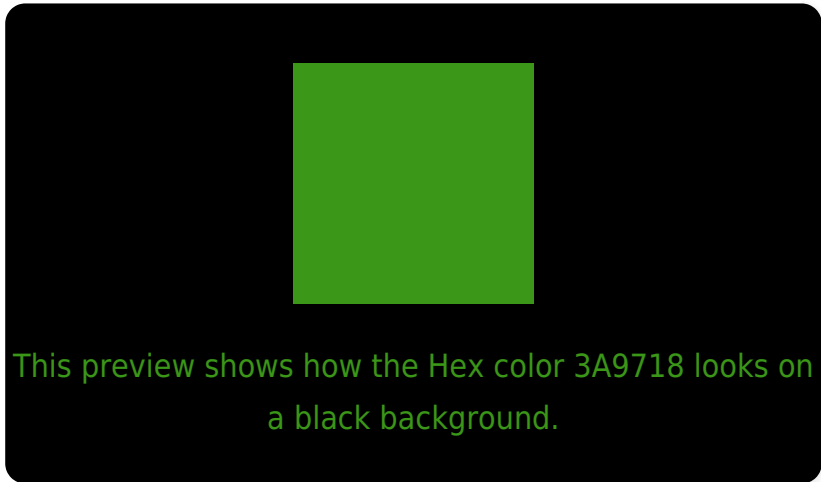
Large Text (above 18pt) WCAG AA ✓ Pass

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 3A9718 Background



This preview shows how black text looks on a background with the Hex color 3A9718.



This preview shows how white text looks on a background with the Hex color 3A9718.

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
3A9718

Protanopia
948412

Deuteranopia
A57D27



Tritanopia
538D98

Trichromacy



Original Color
3A9718

Protanomaly
738B14

Deuteranomaly
7E8622

Tritanomaly
4A9169

Monochromacy



Original Color
3A9718

Achromatopsia
6D6D6D

Achromatomaly
5A7C4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A9718 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 #3A9718 looks like.

```
.text, #text, p{  
    color:#3A9718  
}
```

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 #3A9718 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A9718
}
```

Border

The CSS property to change the border of an element to Hex 3A9718 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".

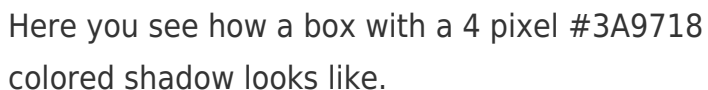
```
.border, #border, table{ border:4px solid
#3A9718 }
```

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

```
.border{ border-color:#3A9718 }
```

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

Here you see how a box with a 4 pixel #3A9718 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A9718; -webkit-box-shadow:4px 4px  
4px 4px #3A9718; box-shadow:4px 4px 4px  
4px #3A9718 }
```

Background

The CSS property to change the background color of an element to Hex 3A9718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A9718 }
```

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

```
.background{ background-color:#3A9718 }
```

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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