

Converting Colors

Hex(3A980C)

Have a look what the booklet for
Hex(3A980C) contains.

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Color

Hex(3A980C)

Conversions

Conversions Part 1

Format	Color
Hex	3A980C
RGB	58, 152, 12
RGB Percent	23%, 60%, 5%
CMY	0.7725, 0.4039, 0.9529
CMYK	0.62, 0.00, 0.92, 0.40
HSL	100°, 85%, 32%
HSV	100°, 92%, 60%
XYZ	13.0395, 23.3826, 4.1739
YIQ	107.9340, -11.0840, -63.4680

Conversions

Conversions Part 2

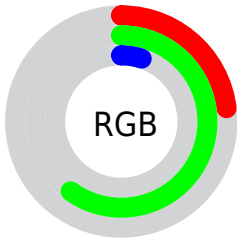
Format	Color
RYB	12, 152, 106
Decimal	3840012
CIELab	55.46, -50.16, 55.78
CIELCh	55, 75.015, 131.964
Yxy	23.3826, 0.3212, 0.5760
Android (android.graphics.Color)	4282030092 (0xFF3A980C)
YUV	107.9340, -47.2955, -43.7921
Hunter-Lab	48.3555, -36.4879, 28.7312

Details

The Hex color **3A980C** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **6A0C98**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **75CF4B**, and **006400** is the 20% darker color. If you saturate the color by 10%, you get **329800**, and if you desaturate by 10%, it is **44981B**.

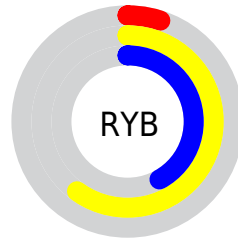
Distribution



Red (23%)

Green (60%)

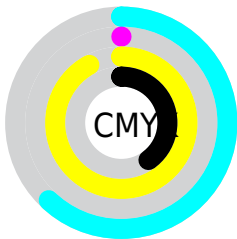
Blue (5%)



Red (5%)

Yellow (60%)

Blue (42%)

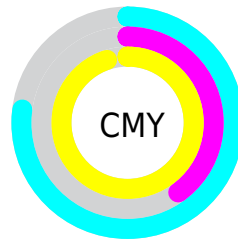


Cyan (62%)

Magenta (0%)

Yellow (92%)

Black (40%)



Cyan (77%)

Magenta (40%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A980C 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 3A980C by changing the saturation by 10% instead.

 3A980C

 3A980C

FFFFFF

 147D00

 75CF4B

 006400

 92EC65

 004B00

 AFFF81

 003300

 CCFF9C

 001C00

 EAFFB8

 000000

 FFFFD5

 FFFFF2

 3A980C

 3A980C

■ 329800

■ 44981B

■ 4E982A

■ 59983A

■ 639849

■ 6D9858

■ 779867

■ 819876

■ 8C9886

■ 969895

Harmonies

Analogous

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



898A00



3A980C



009F5A

Triad

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



3A980C



0097FF



F6366E

Complementary

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



3A980C



6A0C98

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.



E442AF



3A980C



0084FF

Square

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



3A980C



00A0DB



A666E7



E7532F

Rectangle

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



3A980C



00A187



A666E7



F43483

Sweetspot

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



3A980C



9FC48D



98690C



4D6342



E3E3E3



636363

Same Dimension

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



3A980C



41C400



0C9823



474D45



2E8C00



040D00

Inverse Universe

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



6A0C98



8400C4



980C81



4A454D



5E008C



09000D

Previews

White Background



This preview shows how the Hex color 3A980C looks on a white background.

Color Contrast Check

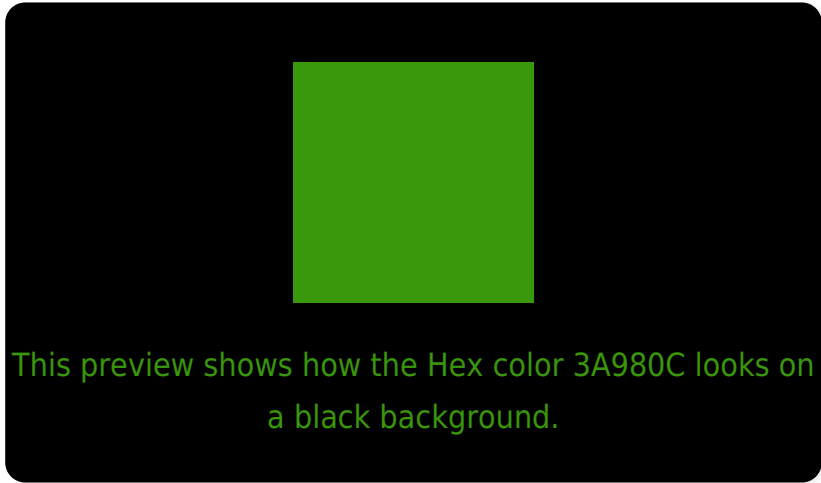
Large Text (above 18pt) WCAG AA ✓ Pass

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 3A980C Background



This preview shows how black text looks on a background with the Hex color 3A980C.



This preview shows how white text looks on a background with the Hex color 3A980C.

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
3A980C

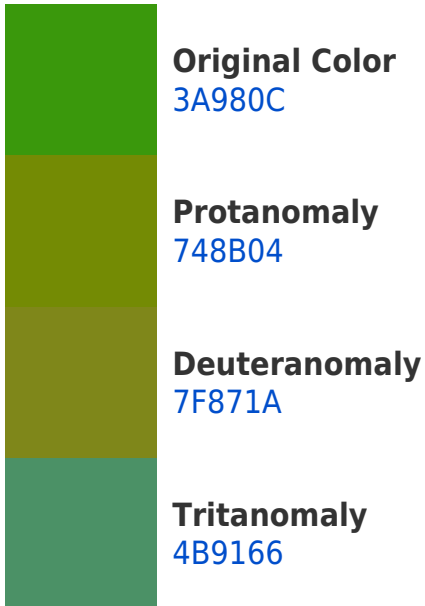
Protanopia
958400

Deuteranopia
A67D22

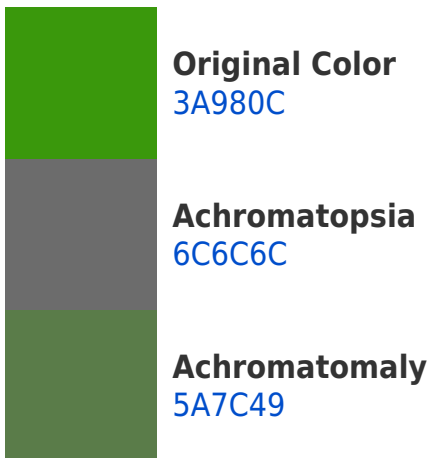


Tritanopia
548D99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3A980C 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 #3A980C looks like.

```
.text, #text, p{  
    color:#3A980C  
}
```

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 #3A980C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A980C
}
```

Border

The CSS property to change the border of an element to Hex 3A980C 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
#3A980C }
```

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

```
.border{ border-color:#3A980C }
```

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

Here you see how a box with a 4 pixel #3A980C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A980C; -webkit-box-shadow:4px 4px  
4px 4px #3A980C; box-shadow:4px 4px 4px  
4px #3A980C }
```

Background

The CSS property to change the background color of an element to Hex 3A980C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A980C }
```

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

```
.background{ background-color:#3A980C }
```

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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