

Converting Colors

Hex(3AA30C)

Have a look what the booklet for
Hex(3AA30C) contains.

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Color

Hex(3AA30C)

Conversions

Conversions Part 1

Format	Color
Hex	3AA30C
RGB	58, 163, 12
RGB Percent	23%, 64%, 5%
CMY	0.7725, 0.3608, 0.9529
CMYK	0.64, 0.00, 0.93, 0.36
HSL	102°, 86%, 34%
HSV	102°, 93%, 64%
XYZ	14.9085, 27.1205, 4.7968
YIQ	114.3910, -14.1090, -69.2210

Conversions

Conversions Part 2

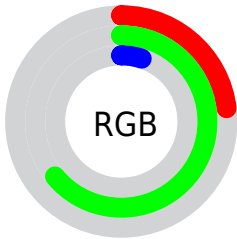
Format	Color
RYB	12, 163, 117
Decimal	3842828
CIELab	59.09, -53.99, 58.82
CIELCh	59, 79.846, 132.550
Yxy	27.1205, 0.3184, 0.5792
Android (android.graphics.Color)	4282032908 (0xFF3AA30C)
YUV	114.3910, -50.4788, -49.4549
Hunter-Lab	52.0773, -40.0351, 30.9929

Details

The Hex color **3AA30C** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **750CA3**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **77DB4D**, and **006E00** is the 20% darker color. If you saturate the color by 10%, you get **32A300**, and if you desaturate by 10%, it is **45A31C**.

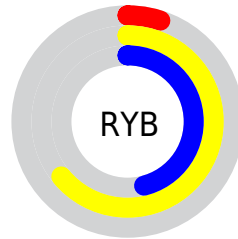
Distribution



Red (23%)

Green (64%)

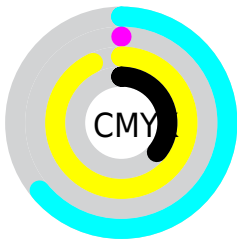
Blue (5%)



Red (5%)

Yellow (64%)

Blue (46%)

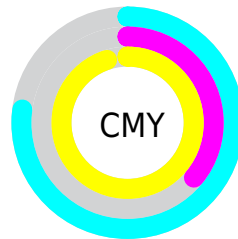


Cyan (64%)

Magenta (0%)

Yellow (93%)

Black (36%)



Cyan (77%)

Magenta (36%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3AA30C 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 3AA30C by changing the saturation by 10% instead.



3AA30C



3AA30C

FFFFFF



0F8800



77DB4D



006E00



94F868



005500



B2FF83



003C00



CFFF9F



002600



EDFFBB



000000



FFFFD8



FFFFF5



3AA30C



3AA30C

■ 32A300

■ 45A31C

■ 51A32D

■ 5CA33D

■ 67A34D

■ 73A35E

■ 7EA36E

■ 89A37E

■ 95A38E

■ A0A39F

Harmonies

Analogous

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



919400



3AA30C



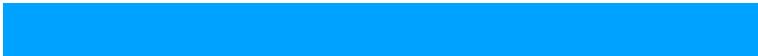
00AA61

Triad

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



3AA30C



00A2FF



FF3874

Complementary

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



3AA30C



750CA3

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.



F544BA



3AA30C



008DFF

Square

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



3AA30C



00ABEC



B46CF7



F75931

Rectangle

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



3AA30C



00AC92



B46CF7



FF368B

Sweetspot

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



3AA30C



AAD498



A3730C



526B47



EBEBEB



6B6B6B

Same Dimension

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



3AA30C



40D400



0CA328



4C5249



2C9100



051200

Inverse Universe

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



750CA3



9300D4



A30C87



4F4952



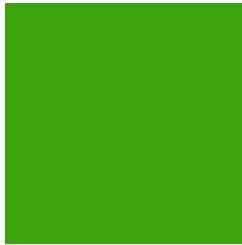
650091



0C0012

Previews

White Background



This preview shows how the Hex color 3AA30C looks on a white background.

Color Contrast Check

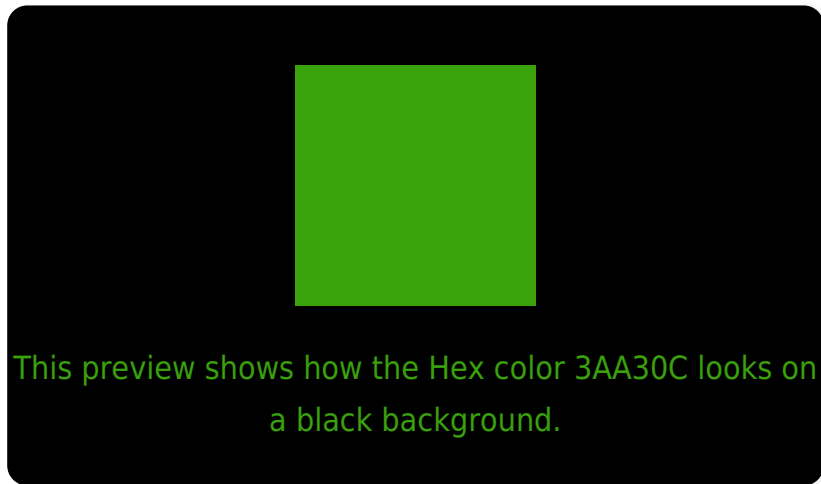
Large Text (above 18pt) WCAG AA ✓ Pass

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

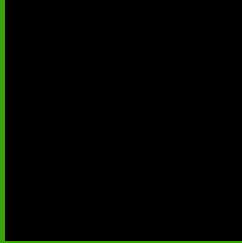
Any Text WCAG AA ✓ Pass

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 3AA30C Background



This preview shows how black text looks on a background with the Hex color 3AA30C.



This preview shows how white text looks on a background with the Hex color 3AA30C.

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
3AA30C

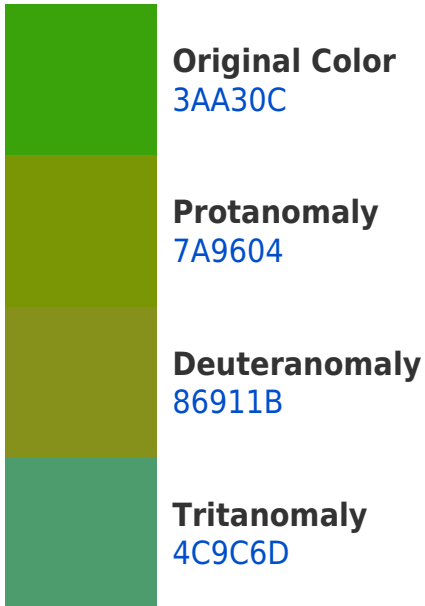
Protanopia
9F8E00

Deuteranopia
B28624



Tritanopia
5798A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3AA30C 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 #3AA30C looks like.

```
.text, #text, p{  
    color:#3AA30C  
}
```

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 #3AA30C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3AA30C
}
```

Border

The CSS property to change the border of an element to Hex 3AA30C 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
#3AA30C }
```

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

```
.border{ border-color:#3AA30C }
```

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

Here you see how a box with a 4 pixel #3AA30C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3AA30C; -webkit-box-shadow:4px 4px  
4px 4px #3AA30C; box-shadow:4px 4px 4px  
4px #3AA30C }
```

Background

The CSS property to change the background color of an element to Hex 3AA30C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3AA30C }
```

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

```
.background{ background-color:#3AA30C }
```

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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