

Converting Colors

Hex(3AA12E)

Have a look what the booklet for
Hex(3AA12E) contains.

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Color

Hex(3AA12E)

Conversions

Conversions Part 1

Format	Color
Hex	3AA12E
RGB	58, 161, 46
RGB Percent	23%, 63%, 18%
CMY	0.7725, 0.3686, 0.8196
CMYK	0.64, 0.00, 0.71, 0.37
HSL	114°, 56%, 41%
HSV	114°, 71%, 63%
XYZ	14.9829, 26.5865, 6.9268
YIQ	117.0930, -24.4730, -57.6010

Conversions

Conversions Part 2

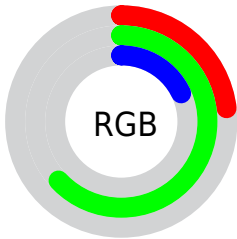
Format	Color
RYB	46, 161, 149
Decimal	3842350
CIELab	58.59, -51.41, 48.76
CIElCh	59, 70.856, 136.513
Yxy	26.5865, 0.3090, 0.5482
Android (android.graphics.Color)	4282032430 (0xFF3AA12E)
YUV	117.0930, -35.0488, -51.8246
Hunter-Lab	51.5621, -38.3652, 28.1285

Details

The Hex color **3AA12E** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **952EA1**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **76D963**, and **006C00** is the 20% darker color. If you saturate the color by 10%, you get **2CA11E**, and if you desaturate by 10%, it is **48A13E**.

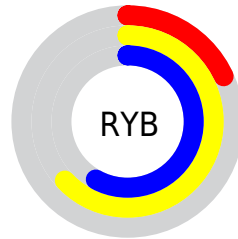
Distribution



Red (23%)

Green (63%)

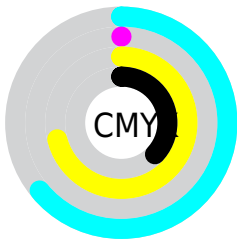
Blue (18%)



Red (18%)

Yellow (63%)

Blue (58%)

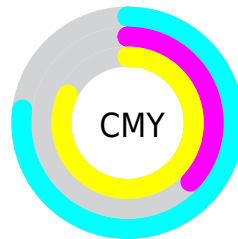


Cyan (64%)

Magenta (0%)

Yellow (71%)

Black (37%)



Cyan (77%)

Magenta (37%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3AA12E 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 3AA12E by changing the saturation by 10% instead.

 3AA12E

 3AA12E

FFFFFF

 128610

 76D963

 006C00

 92F67D

 005300

 AFFF98

 003A00

 CCFFB4

 002400

 EAFFD0

 000000

 FFFFED

 3AA12E

 3AA12E

 2CA11E

 48A13E

■ 1DA10E

■ 57A14E

■ 11A100

■ 65A15E

■ 74A16E

■ 82A17F

■ 91A18F

■ 9FA19F

■ ADA1AF

■ BCA1BF

Harmonies

Analogous

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



899400



3AA12E



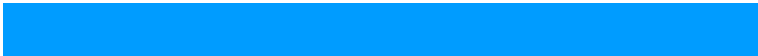
00A76E

Triad

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



3AA12E



009CFF



FA4B6D

Complementary

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



3AA12E



952EA1

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.



ED4FAC



3AA12E



4588FF

Square

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



3AA12E



00A6E6



BA6BE3



E96433

Rectangle

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



3AA12E



00A999



BA6BE3



FA4882

Sweetspot

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



3AA12E



AAD1A5



A1942E



51694E



E8E8E8



696969

Same Dimension

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



3AA12E



30D11D



2EA15A



4A5249



0F9100



021200

Inverse Universe

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



952EA1



BE1DD1



A12E75



514952



820091



100012

Previews

White Background



This preview shows how the Hex color 3AA12E looks on a white background.

Color Contrast Check

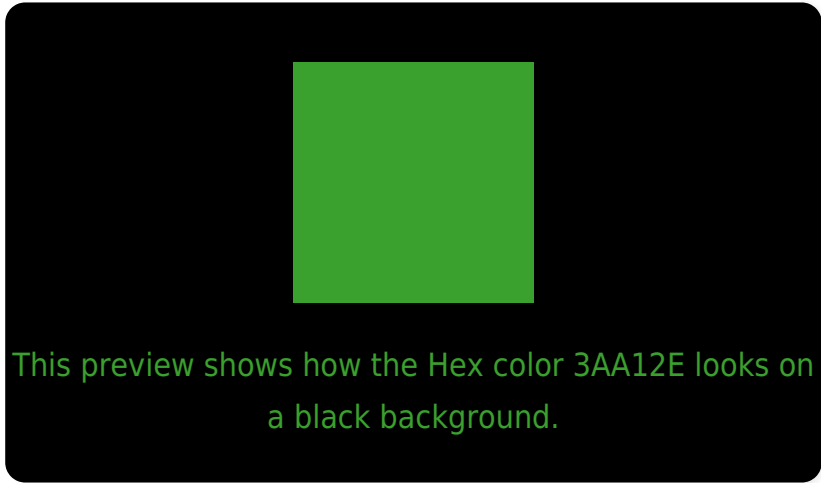
Large Text (above 18pt) WCAG AA ✓ Pass

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

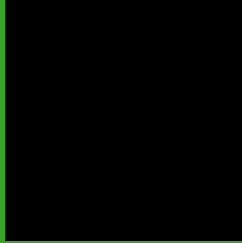
Any Text WCAG AA ✓ Pass

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 3AA12E Background



This preview shows how black text looks on a background with the Hex color 3AA12E.



This preview shows how white text looks on a background with the Hex color 3AA12E.

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
3AA12E

Protanopia
9D8C29

Deuteranopia
AE8538



Tritanopia
5596A2

Trichromacy



Original Color
3AA12E



Protanomaly
79942B



Deuteranomaly
848F34



Tritanomaly
4B9A78

Monochromacy



Original Color
3AA12E



Achromatopsia
757575



Achromatomaly
60855B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3AA12E 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 #3AA12E looks like.

```
.text, #text, p{  
    color:#3AA12E  
}
```

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 #3AA12E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3AA12E
}
```

Border

The CSS property to change the border of an element to Hex 3AA12E 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
#3AA12E }
```

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

```
.border{ border-color:#3AA12E }
```

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

Here you see how a box with a 4 pixel #3AA12E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3AA12E; -webkit-box-shadow:4px 4px  
4px 4px #3AA12E; box-shadow:4px 4px 4px  
4px #3AA12E }
```

Background

The CSS property to change the background color of an element to Hex 3AA12E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3AA12E }
```

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

```
.background{ background-color:#3AA12E }
```

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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