

Converting Colors

Hex(3BAA3D)

Have a look what the booklet for
Hex(3BAA3D) contains.

Hex(3BAA3D)	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(3BAA3D)

Conversions

Conversions Part 1

Format	Color
Hex	3BAA3D
RGB	59, 170, 61
RGB Percent	23%, 67%, 24%
CMY	0.7686, 0.3333, 0.7608
CMYK	0.65, 0.00, 0.64, 0.33
HSL	121°, 48%, 45%
HSV	121°, 65%, 67%
XYZ	17.0207, 30.0162, 9.3115
YIQ	124.3850, -31.1670, -57.4310

Conversions

Conversions Part 2

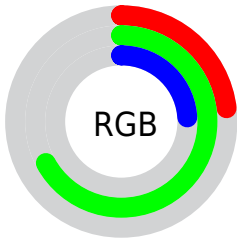
Format	Color
RYB	59, 168, 170
Decimal	3910205
CIELab	61.67, -52.95, 45.80
CIELCh	62, 70.006, 139.144
Yxy	30.0162, 0.3021, 0.5327
Android (android.graphics.Color)	4282100285 (0xFF3BAA3D)
YUV	124.3850, -31.2488, -57.3426
Hunter-Lab	54.7870, -40.4228, 28.2741

Details

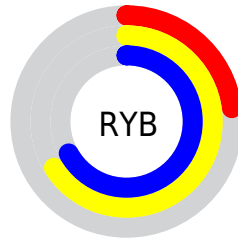
The Hex color **3BAA3D** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **AA3BA8**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **77E271**, and **007401** is the 20% darker color. If you saturate the color by 10%, you get **2AAA2C**, and if you desaturate by 10%, it is **4CAA4E**.

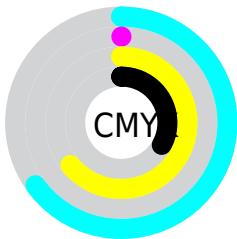
Distribution



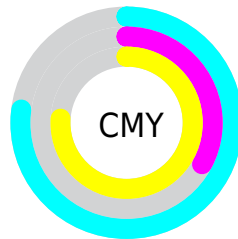
- Red (23%)
- Green (67%)
- Blue (24%)



- Red (23%)
- Yellow (66%)
- Blue (67%)



- Cyan (65%)
- Magenta (0%)
- Yellow (64%)
- Black (33%)



- Cyan (77%)
- Magenta (33%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3BAA3D 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 3BAA3D by changing the saturation by 10% instead.



3BAA3D



3BAA3D

FFFFFF



128F23



77E271



007401



94FF8B



005B00



B1FFA7



004200



CFFFC2



002C00



EDFFDF



000B00

FFFFFFC



000000



3BAA3D



3BAA3D




2AAA2C



4CAA4E

 19AA1C

 5DAA5E

 08AA0B

 6EAA6F

 00AA03

 7FAA80

 90AA90

 A1AAA1

 B2AAB2

 C3AAC3

 D4AAD3

Harmonies

Analogous

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



8D9E00



3BAA3D



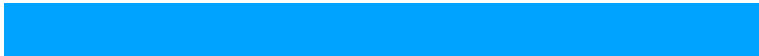
00B07C

Triad

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



3BAA3D



00A3FF



FF5770

Complementary

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



3BAA3D



AA3BA8

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.



F858AE



3BAA3D



628EFF

Square

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



3BAA3D



00AEF2



C971E7



EF6F37

Rectangle

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



3BAA3D



00B1A7



C971E7



FF5485

Sweetspot

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



3BAA3D



B1DEB2



A8AA3B



557056



F0F0F0



707070

Same Dimension

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



3BAA3D



31DE34



3BAA74



4C544C



009403



001400

Inverse Universe

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



AA3BA8



DE31DB



AA3B71



544C54



940091



140014

Previews

White Background



This preview shows how the Hex color 3BAA3D looks on a white background.

Color Contrast Check

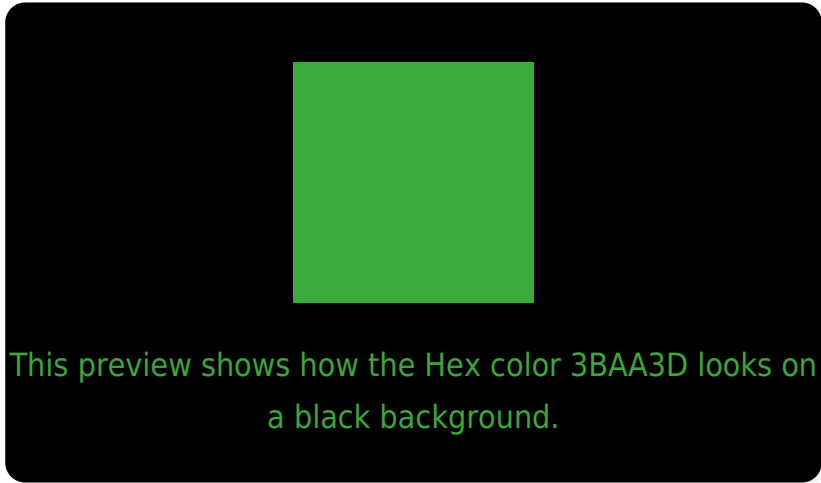
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 3BAA3D Background



This preview shows how black text looks on a background with the Hex color 3BAA3D.



This preview shows how white text looks on a background with the Hex color 3BAA3D.

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
3BAA3D

Protanopia
A59437

Deuteranopia
B68D46

Trichromacy



Original Color
3BAA3D



Protanomaly
7E9C39



Deuteranomaly
899843



Tritanomaly
4DA384

Monochromacy



Original Color
3BAA3D



Achromatopsia
7C7C7C



Achromatomaly
648D65

CSS Examples

Text

The CSS property to change the color of the text to Hex 3BAA3D 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 #3BAA3D looks like.

```
.text, #text, p{  
    color:#3BAA3D  
}
```

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 #3BAA3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BAA3D
}
```

Border

The CSS property to change the border of an element to Hex 3BAA3D 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
#3BAA3D }
```

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

```
.border{ border-color:#3BAA3D }
```

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

Here you see how a box with a 4 pixel #3BAA3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BAA3D; -webkit-box-shadow:4px 4px  
4px 4px #3BAA3D; box-shadow:4px 4px 4px  
4px #3BAA3D }
```

Background

The CSS property to change the background color of an element to Hex 3BAA3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BAA3D }
```

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

```
.background{ background-color:#3BAA3D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor