

Converting Colors

Hex(3DAA1B)

Have a look what the booklet for
Hex(3DAA1B) contains.

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Color

Hex(3DAA1B)

Conversions

Conversions Part 1

Format	Color
Hex	3DAA1B
RGB	61, 170, 27
RGB Percent	24%, 67%, 11%
CMY	0.7608, 0.3333, 0.8941
CMYK	0.64, 0.00, 0.84, 0.33
HSL	106°, 73%, 39%
HSV	106°, 84%, 67%
XYZ	16.4970, 29.8207, 5.9234
YIQ	121.1070, -19.0610, -67.5810

Conversions

Conversions Part 2

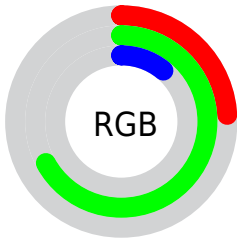
Format	Color
R_{YB}	27, 170, 136
Decimal	4041243
CIE _{Lab}	61.50, -55.14, 57.84
CIE _{LCh}	61, 79.911, 133.633
Yxy	29.8207, 0.3158, 0.5708
Android (android.graphics.Color)	4282231323 (0xFF3DAA1B)
YUV	121.1070, -46.3948, -52.7138
Hunter-Lab	54.6083, -41.6402, 31.7946

Details

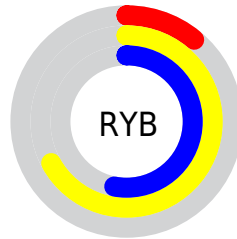
The Hex color **3DAA1B** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **881BAA**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **7AE256**, and **007400** is the 20% darker color. If you saturate the color by 10%, you get **30AA0A**, and if you desaturate by 10%, it is **4AAA2C**.

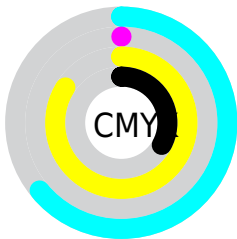
Distribution



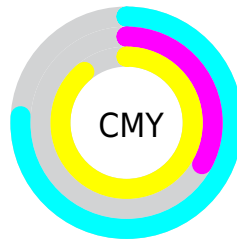
- Red (24%)
- Green (67%)
- Blue (11%)



- Red (11%)
- Yellow (67%)
- Blue (53%)



- Cyan (64%)
- Magenta (0%)
- Yellow (84%)
- Black (33%)



- Cyan (76%)
- Magenta (33%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DAA1B 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 3DAA1B by changing the saturation by 10% instead.

 3DAA1B

 3DAA1B

FFFFFF

 138F00

 7AE256

 007400

 98FF71

 005B00

 B5FF8C

 004200

 D3FFA8

 002C00

 F1FFC4

 000A00

 FFFFE1

 000000

 3DAA1B

 3DAA1B

 30AA0A

 4AAA2C

■ 28AA00

■ 57AA3D

■ 64AA4E

■ 71AA5F

■ 7EAA70

■ 8BAA81

■ 98AA92

■ A5AAA3

■ B2AAB4

Harmonies

Analogous

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



959B00



3DAA1B



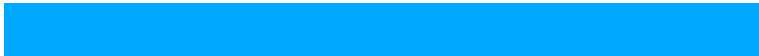
00B16A

Triad

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



3DAA1B



00A8FF



FF4278

Complementary

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



3DAA1B



881BAA

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.



FE4BBE



3DAA1B



0092FF

Square

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



3DAA1B



00B1F5



BE71FC



FE6134

Rectangle

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



3DAA1B



00B39B



BE71FC



FF3F8F

Sweetspot

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



3DAA1B



B4DEA6



AA861B



57704F



F0F0F0



707070

Same Dimension

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



3DAA1B



35DE00



1BAA3F



4E544C



239400



051400

Inverse Universe

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



881BAA



A900DE



AA1B86



524C54



710094



100014

Previews

White Background



This preview shows how the Hex color 3DAA1B looks on a white background.

Color Contrast Check

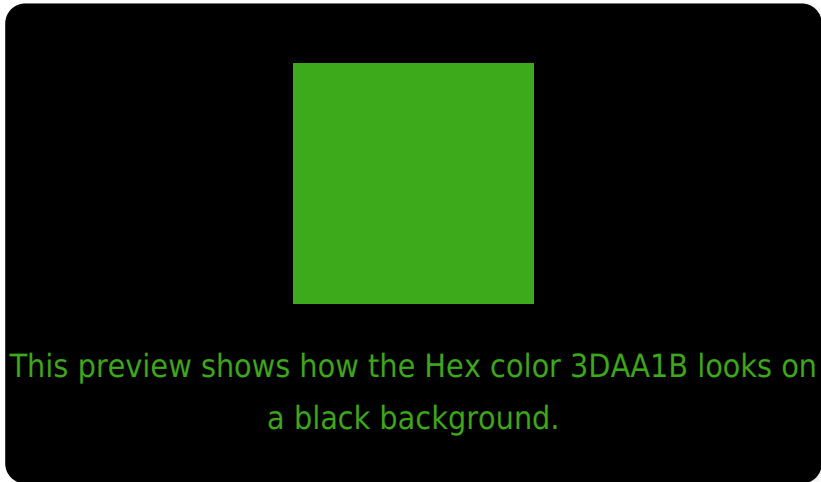
Large Text (above 18pt) WCAG AA ✓ Pass

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 3DAA1B Background



This preview shows how black text looks on a background with the Hex color 3DAA1B.

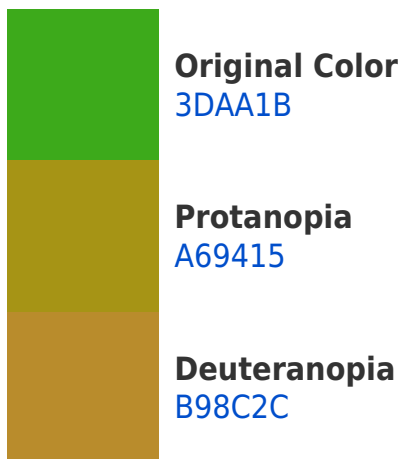


This preview shows how white text looks on a background with the Hex color 3DAA1B.

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





Tritanopia
5B9EAB

Trichromacy



Original Color
3DAA1B



Protanomaly
809C17



Deuteranomaly
8C9726



Tritanomaly
50A277

Monochromacy



Original Color
3DAA1B



Achromatopsia
797979



Achromatomaly
638B57

CSS Examples

Text

The CSS property to change the color of the text to Hex 3DAA1B 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 #3DAA1B looks like.

```
.text, #text, p{  
    color:#3DAA1B  
}
```

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 #3DAA1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DAA1B
}
```

Border

The CSS property to change the border of an element to Hex 3DAA1B 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
#3DAA1B }
```

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

```
.border{ border-color:#3DAA1B }
```

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

Here you see how a box with a 4 pixel #3DAA1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DAA1B; -webkit-box-shadow:4px 4px  
4px 4px #3DAA1B; box-shadow:4px 4px 4px  
4px #3DAA1B }
```

Background

The CSS property to change the background color of an element to Hex 3DAA1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DAA1B }
```

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

```
.background{ background-color:#3DAA1B }
```

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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