

Converting Colors

Hex(8BAA01)

Have a look what the booklet for
Hex(8BAA01) contains.

Hex(8BAA01)	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(8BAA01)

Conversions

Conversions Part 1

Format	Color
Hex	8BAA01
RGB	139, 170, 1
RGB Percent	55%, 67%, 0%
CMY	0.4549, 0.3333, 0.9961
CMYK	0.18, 0.00, 0.99, 0.33
HSL	71°, 99%, 34%
HSV	71°, 99%, 67%
XYZ	25.0277, 34.2406, 5.3187
YIQ	141.4650, 35.7730, -59.1310

Conversions

Conversions Part 2

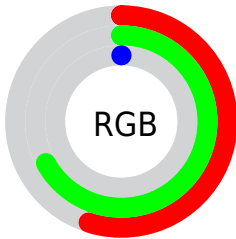
Format	Color
RYB	1, 170, 32
Decimal	9153025
CIELab	65.15, -29.32, 66.81
CIELCh	65, 72.960, 113.695
Yxy	34.2406, 0.3875, 0.5301
Android (android.graphics.Color)	4287343105 (0xFF8BAA01)
YUV	141.4650, -69.2492, -2.1618
Hunter-Lab	58.5155, -26.0558, 35.5717

Details

The Hex color **8BAA01** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **2001AA**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **C4E14C**, and **547600** is the 20% darker color. If you saturate the color by 10%, you get **8BAA00**, and if you desaturate by 10%, it is **8EAA12**.

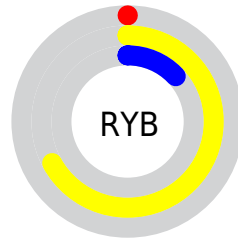
Distribution



Red (55%)

Green (67%)

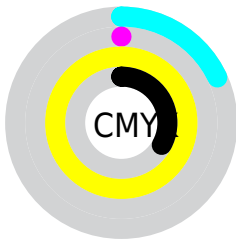
Blue (0%)



Red (0%)

Yellow (67%)

Blue (13%)

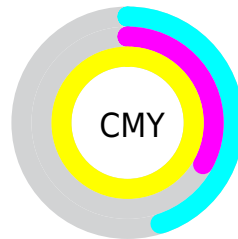


Cyan (18%)

Magenta (0%)

Yellow (99%)

Black (33%)



Cyan (45%)

Magenta (33%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8BAA01 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 8BAA01 by changing the saturation by 10% instead.



8BAA01



8BAA01

FFFFFF



6F8F00



C4E14C



547600



E2FE68



395D00



FFFF84



1C4500



FFFFA0



002E00



FFFFBD



001B00



FFFFDA



000000



FFFFF7



8BAA01



8BAA01

■ 8BAA00

■ 8EAA12

■ 91AA23

■ 94AA34

■ 97AA45

■ 9BAA56

■ 9EAA67

■ A1AA78

■ A4AA89

■ A7AA9A

Harmonies

Analogous

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



C99600



8BAA01



26B64B

Triad

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



8BAA01



00B7FF



FF5BAF

Complementary

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



8BAA01



2001AA

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.



DF74EC



8BAA01



00AAFF

Square

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



8BAA01



00BCD1



8093FF



FF606E

Rectangle

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



8BAA01



00BA77



8093FF



FF61C5

Sweetspot

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



8BAA01



D2DE9B



AA2001



697048



F0F0F0



707070

Same Dimension

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



8BAA01



B5DE00



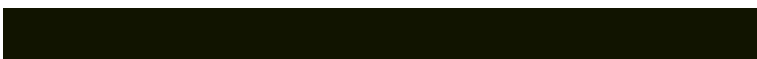
37AA01



53544C



799400



111400

Inverse Universe

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



2001AA



2900DE



7401AA



4D4C54



1B0094



040014

Previews

White Background



This preview shows how the Hex color 8BAA01 looks on a white background.

Color Contrast Check

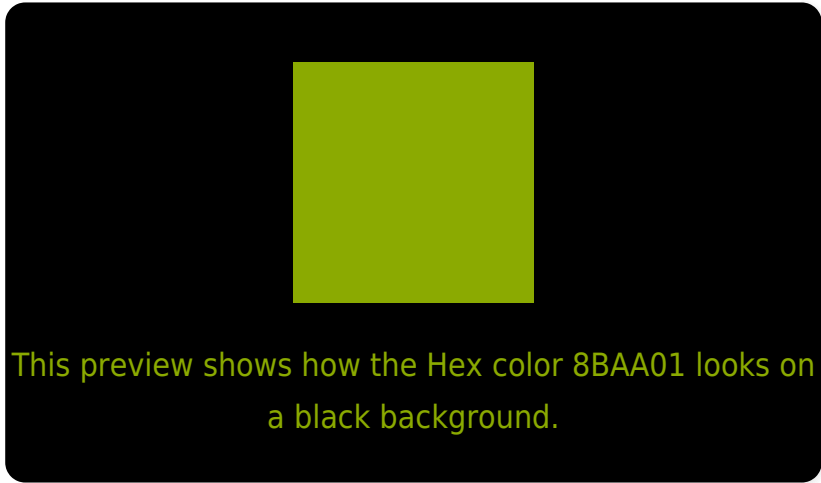
Large Text (above 18pt) WCAG AA × Fail

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 8BAA01 Background



This preview shows how black text looks on a background with the Hex color 8BAA01.



This preview shows how white text looks on a background with the Hex color 8BAA01.

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
8BAA01

Protanopia
B29E00

Deuteranopia
C7961E



Tritanopia
999EAB

Trichromacy



Original Color
8BAA01

Protanomaly
A4A200

Deuteranomaly
B19D13

Tritanomaly
94A26D

Monochromacy



Original Color
8BAA01

Achromatopsia
8D8D8D

Achromatomaly
8C985A

CSS Examples

Text

The CSS property to change the color of the text to Hex 8BAA01 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 #8BAA01 looks like.

```
.text, #text, p{  
    color:#8BAA01  
}
```

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 #8BAA01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BAA01
}
```

Border

The CSS property to change the border of an element to Hex 8BAA01 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
#8BAA01 }
```

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

```
.border{ border-color:#8BAA01 }
```

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

Here you see how a box with a 4 pixel #8BAA01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BAA01; -webkit-box-shadow:4px 4px  
4px 4px #8BAA01; box-shadow:4px 4px 4px  
4px #8BAA01 }
```

Background

The CSS property to change the background color of an element to Hex 8BAA01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BAA01 }
```

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

```
.background{ background-color:#8BAA01 }
```

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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