

Converting Colors

Hex(9BA800)

Have a look what the booklet for
Hex(9BA800) contains.

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Color

Hex(9BA800)

Conversions

Conversions Part 1

Format	Color
Hex	9BA800
RGB	155, 168, 0
RGB Percent	61%, 66%, 0%
CMY	0.3922, 0.3412, 1.0000
CMYK	0.08, 0.00, 1.00, 0.34
HSL	65°, 100%, 33%
HSV	65°, 100%, 66%
XYZ	27.5202, 34.9738, 5.3002
YIQ	144.9610, 46.1800, -55.0040

Conversions

Conversions Part 2

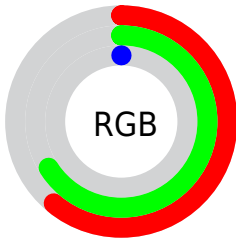
Format	Color
RYB	0, 168, 13
Decimal	10201088
CIELab	65.73, -21.50, 67.89
CIELCh	66, 71.208, 107.570
Yxy	34.9738, 0.4059, 0.5159
Android (android.graphics.Color)	4288391168 (0xFF9BA800)
YUV	144.9610, -71.4658, 8.8042
Hunter-Lab	59.1387, -20.4276, 36.0834

Details

The Hex color **9BA800** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **0D00A8**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **D5DF4C**, and **637400** is the 20% darker color. If you saturate the color by 10%, you get **9BA800**, and if you desaturate by 10%, it is **9CA811**.

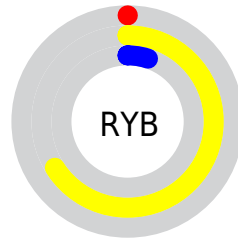
Distribution



Red (61%)

Green (66%)

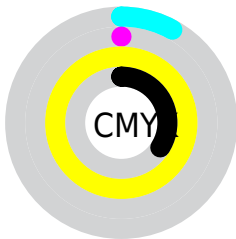
Blue (0%)



Red (0%)

Yellow (66%)

Blue (5%)

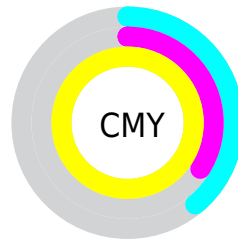


Cyan (8%)

Magenta (0%)

Yellow (100%)

Black (34%)



Cyan (39%)

Magenta (34%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BA800 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 9BA800 by changing the saturation by 10% instead.

 9BA800

 9BA800

FFFFFF

 7F8E00

 D5DF4C

 637400

 F3FC68

 485C00

 FFFF84

 2D4400

 FFFFA0

 132E00

 FFFFBC

 001B00

 FFFFD9

 000000

 FFFFF7

 9BA800

 9CA811

 9EA822

 9FA832

 A0A843

 A1A854

 A3A865

 A4A876

 A5A886

 A7A897

Harmonies

Analogous

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



D49307



9BA800



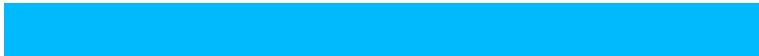
4CB542

Triad

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



9BA800



00BAFD



FF63BD

Complementary

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



9BA800



0D00A8

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.



D17DF7



9BA800



00AFFF

Square

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



9BA800



00BDC4



659AFF



FF617D

Rectangle

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



9BA800



00BA6C



659AFF



F86AD2

Sweetspot

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



9BA800



D6DB9A



A80B00



6B6E46



EDEDED



6E6E6E

Same Dimension

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



9BA800



CADB00



49A800



53544C



889400



131400

Inverse Universe

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



0D00A8



1100DB



5F00A8



4C4C54



0B0094



020014

Previews

White Background



This preview shows how the Hex color 9BA800 looks on a white background.

Color Contrast Check

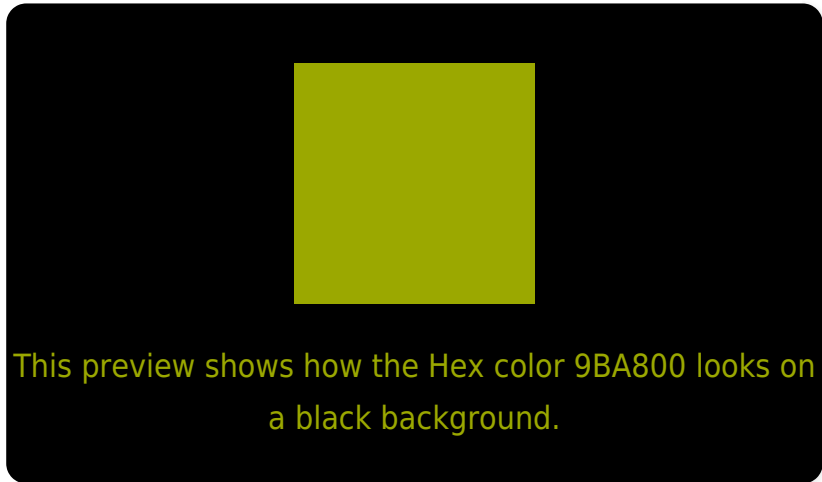
Large Text (above 18pt) WCAG AA × Fail

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 9BA800 Background



This preview shows how black text looks on a background with the Hex color 9BA800.

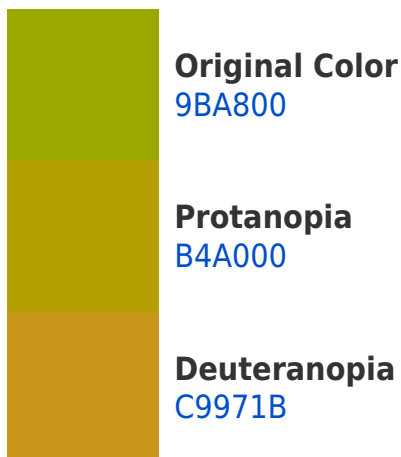


This preview shows how white text looks on a background with the Hex color 9BA800.

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](#).

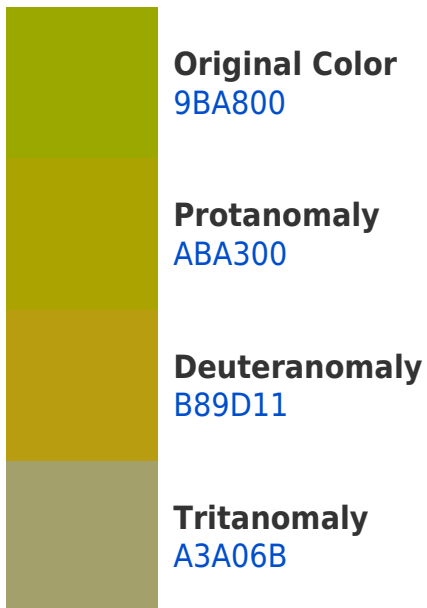
Dichromacy



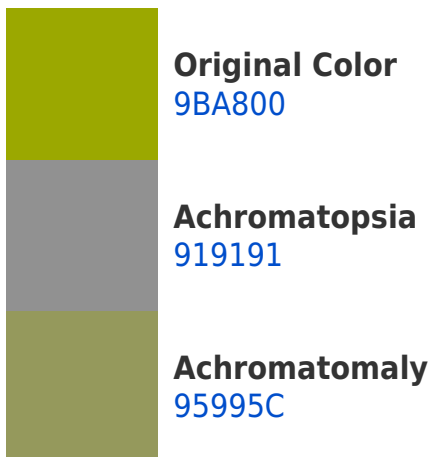


Tritanopia
A79CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9BA800 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 #9BA800 looks like.

```
.text, #text, p{  
    color:#9BA800  
}
```

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 #9BA800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BA800
}
```

Border

The CSS property to change the border of an element to Hex 9BA800 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
#9BA800 }
```

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

```
.border{ border-color:#9BA800 }
```

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

Here you see how a box with a 4 pixel #9BA800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BA800; -webkit-box-shadow:4px 4px  
4px 4px #9BA800; box-shadow:4px 4px 4px  
4px #9BA800 }
```

Background

The CSS property to change the background color of an element to Hex 9BA800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BA800 }
```

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

```
.background{ background-color:#9BA800 }
```

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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