

# Converting Colors

Hex(8FA900)

Have a look what the booklet for  
Hex(8FA900) contains.

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**Color**

**Hex(8FA900)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8FA900
RGB	143, 169, 0
RGB Percent	56%, 66%, 0%
CMY	0.4392, 0.3373, 1.0000
CMYK	0.15, 0.00, 1.00, 0.34
HSL	69°, 100%, 33%
HSV	69°, 100%, 66%
XYZ	25.5157, 34.2156, 5.2594
YIQ	141.9600, 38.7530, -58.0710

# Conversions

## Conversions Part 2

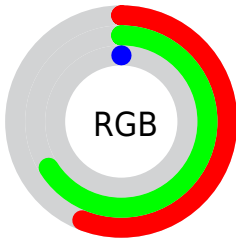
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 169, 26
Decimal	9414912
CIELab	65.13, -27.17, 67.05
CIELCh	65, 72.342, 112.056
Yxy	34.2156, 0.3926, 0.5265
Android (android.graphics.Color)	4287604992 (0xFF8FA900)
YUV	141.9600, -69.9863, 0.9121
Hunter-Lab	58.4941, -24.5013, 35.6148

# Details

The Hex color **8FA900** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **1A00A9**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **C8E04C**, and **587500** is the 20% darker color. If you saturate the color by 10%, you get **8FA900**, and if you desaturate by 10%, it is **92A911**.

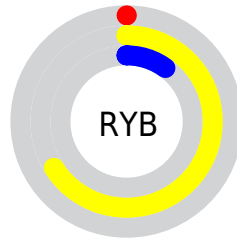
# Distribution



Red (56%)

Green (66%)

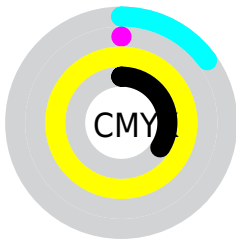
Blue (0%)



Red (0%)

Yellow (66%)

Blue (10%)

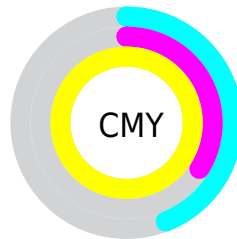


Cyan (15%)

Magenta (0%)

Yellow (100%)

Black (34%)



Cyan (44%)

Magenta (34%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8FA900 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 8FA900 by changing the saturation by 10% instead.



 8FA900

 8FA900

FFFFFF

 738F00

 C8E04C

 587500

 E6FD68

 3D5C00

 FFFF84

 214500

 FFFFA0

 022E00

 FFFFBC

 001B00

 FFFFD9

 000000

 FFFFF7

 8FA900

 92A911

 94A922

 97A933

 99A944

 9CA954

 9FA965

 A1A976

 A4A987

 A6A998

# Harmonies

## Analogous

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



CB9500



8FA900



33B549

# Triad

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



8FA900



00B7FF



FF5DB2

# Complementary

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



8FA900



1A00A9

# 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.



DB76EF



8FA900



00ABFF

# Square

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



8FA900



00BCCD



7994FF



FF6072

# Rectangle

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



8FA900



00B974



7994FF



FE63C8



# Sweetspot

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



8FA900



D1DB9A



A91900



686E46



EDED



6E6E6E



# Same Dimension

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



8FA900



BADB00



3BA900



53544C



7D9400



111400



# Inverse Universe

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



1A00A9



2200DB



6E00A9



4D4C54



170094



030014



# Previews

## White Background



This preview shows how the Hex color 8FA900 looks on a white background.

## Color Contrast Check

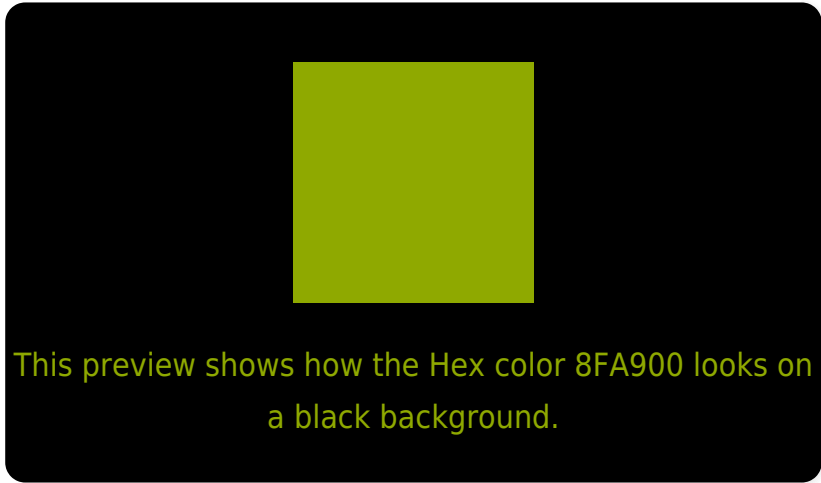
Large Text (above 18pt) WCAG AA × Fail

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 8FA900 Background



This preview shows how black text looks on a background with the Hex color 8FA900.

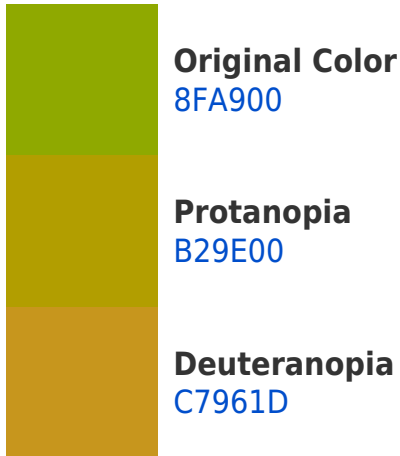


This preview shows how white text looks on a background with the Hex color 8FA900.

# 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](#).

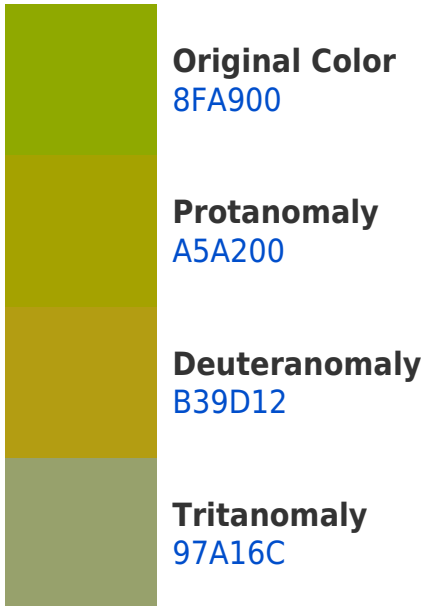
## Dichromacy





**Tritanopia**  
9C9DA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8FA900 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 #8FA900 looks like.

```
.text, #text, p{  
    color:#8FA900  
}
```

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 #8FA900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8FA900
}
```

## Border

The CSS property to change the border of an element to Hex 8FA900 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
#8FA900 }
```

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

```
.border{ border-color:#8FA900 }
```

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

Here you see how a box with a 4 pixel #8FA900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8FA900; -webkit-box-shadow:4px 4px  
4px 4px #8FA900; box-shadow:4px 4px 4px  
4px #8FA900 }
```

# Background

The CSS property to change the background color of an element to Hex 8FA900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8FA900 }
```

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

```
.background{ background-color:#8FA900 }
```

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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