

Converting Colors

Hex(9FA300)

Have a look what the booklet for
Hex(9FA300) contains.

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Color

Hex(9FA300)

Conversions

Conversions Part 1

Format	Color
Hex	9FA300
RGB	159, 163, 0
RGB Percent	62%, 64%, 0%
CMY	0.3765, 0.3608, 1.0000
CMYK	0.02, 0.00, 1.00, 0.36
HSL	61°, 100%, 32%
HSV	61°, 100%, 64%
XYZ	27.3953, 33.5653, 5.0349
YIQ	143.2220, 49.9390, -51.5410

Conversions

Conversions Part 2

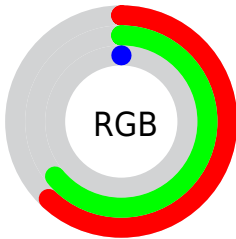
Format	Color
RYB	0, 163, 4
Decimal	10461952
CIELab	64.62, -17.20, 67.21
CIELCh	65, 69.374, 104.358
Yxy	33.5653, 0.4151, 0.5086
Android (android.graphics.Color)	4288652032 (0xFF9FA300)
YUV	143.2220, -70.6084, 13.8373
Hunter-Lab	57.9356, -16.9822, 35.4023

Details

The Hex color **9FA300** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **0400A3**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **D9DA4B**, and **677000** is the 20% darker color. If you saturate the color by 10%, you get **9FA300**, and if you desaturate by 10%, it is **9FA310**.

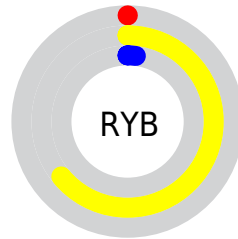
Distribution



Red (62%)

Green (64%)

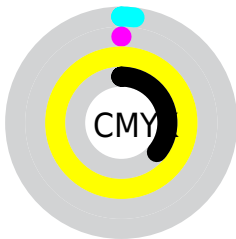
Blue (0%)



Red (0%)

Yellow (64%)

Blue (2%)

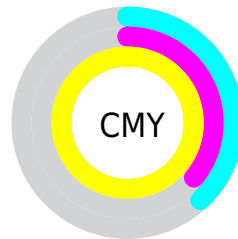


Cyan (2%)

Magenta (0%)

Yellow (100%)

Black (36%)



Cyan (38%)

Magenta (36%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9FA300 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 9FA300 by changing the saturation by 10% instead.

 9FA300

 9FA300

FFFFFF

 838900

 D9DA4B

 677000

 F7F667

 4C5700

 FFFF83

 314000

 FFFF9F

 182A00

 FFFFBB

 001800

 FFFFD8

 000000

 FFFFF5

 9FA300

 9FA310

 A0A321

 A0A331

 A1A341

 A1A352

 A1A362

 A2A372

 A2A382

 A3A393

Harmonies

Analogous

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



D58E13



9FA300



56B03C

Triad

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



9FA300



00B7F2



FC64C0

Complementary

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



9FA300



0400A3

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.



C57EF6



9FA300



00ADFF

Square

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



9FA300



00BABA



529AFF



FF5F82

Rectangle

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



9FA300



00B664



529AFF



EE6CD4

Sweetspot

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



9FA300



D2D494



A30300



6A6B45



EBEBEB



6B6B6B

Same Dimension

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



9FA300



CED400



4FA300



515249



8E9100



111200

Inverse Universe

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



0400A3



0500D4



5400A3



4A4952



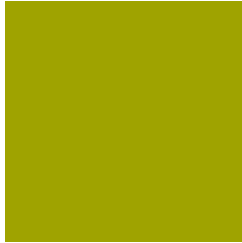
040091



000012

Previews

White Background



This preview shows how the Hex color 9FA300 looks on a white background.

Color Contrast Check

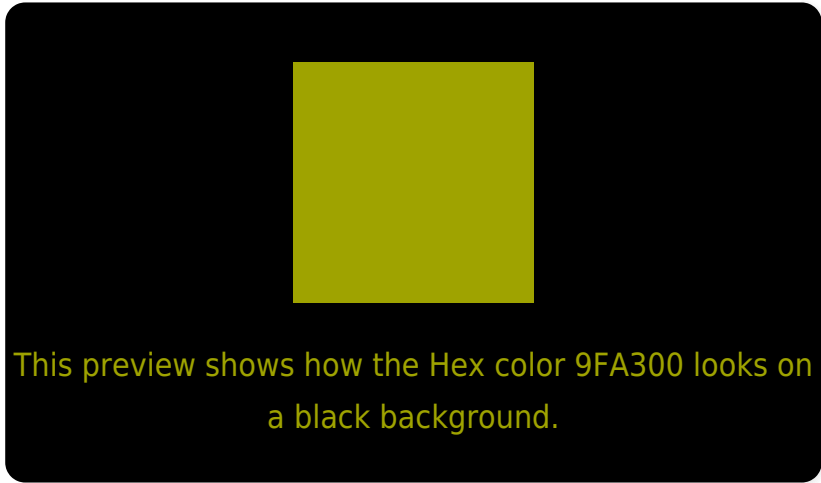
Large Text (above 18pt) WCAG AA × Fail

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 9FA300 Background



This preview shows how black text looks on a background with the Hex color 9FA300.



This preview shows how white text looks on a background with the Hex color 9FA300.

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
9FA300

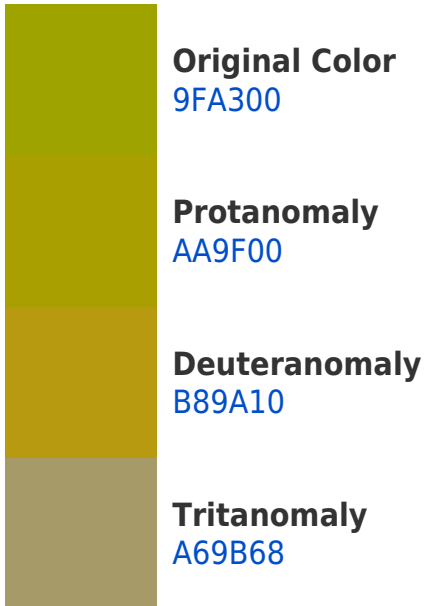
Protanopia
B19D00

Deuteranopia
C69519



Tritanopia
AA97A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9FA300 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 #9FA300 looks like.

```
.text, #text, p{  
    color:#9FA300  
}
```

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 #9FA300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FA300
}
```

Border

The CSS property to change the border of an element to Hex 9FA300 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
#9FA300 }
```

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

```
.border{ border-color:#9FA300 }
```

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

Here you see how a box with a 4 pixel #9FA300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FA300; -webkit-box-shadow:4px 4px  
4px 4px #9FA300; box-shadow:4px 4px 4px  
4px #9FA300 }
```

Background

The CSS property to change the background color of an element to Hex 9FA300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FA300 }
```

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

```
.background{ background-color:#9FA300 }
```

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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