

Converting Colors

Hex(9FAA0A)

Have a look what the booklet for
Hex(9FAA0A) contains.

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Color

Hex(9FAA0A)

Conversions

Conversions Part 1

Format	Color
Hex	9FAA0A
RGB	159, 170, 10
RGB Percent	62%, 67%, 4%
CMY	0.3765, 0.3333, 0.9608
CMYK	0.06, 0.00, 0.94, 0.33
HSL	64°, 89%, 35%
HSV	64°, 94%, 67%
XYZ	28.7276, 36.1423, 5.7492
YIQ	148.4710, 44.8040, -52.0920

Conversions

Conversions Part 2

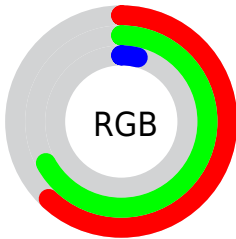
Format	Color
RYB	10, 170, 21
Decimal	10463754
CIELab	66.63, -20.61, 67.43
CIELCh	67, 70.510, 106.994
Yxy	36.1423, 0.4068, 0.5118
Android (android.graphics.Color)	4288653834 (0xFF9FAA0A)
YUV	148.4710, -68.2662, 9.2339
Hunter-Lab	60.1185, -19.9111, 36.4129

Details

The Hex color **9FAA0A** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **150AAA**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **D9E150**, and **677600** is the 20% darker color. If you saturate the color by 10%, you get **9EAA00**, and if you desaturate by 10%, it is **A0AA1B**.

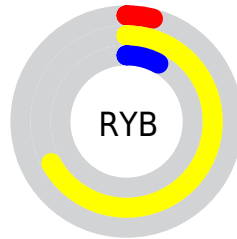
Distribution



Red (62%)

Green (67%)

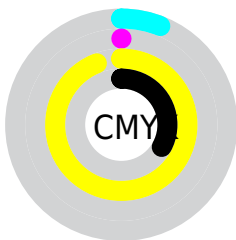
Blue (4%)



Red (4%)

Yellow (67%)

Blue (8%)

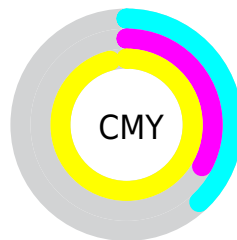


Cyan (6%)

Magenta (0%)

Yellow (94%)

Black (33%)



Cyan (38%)

Magenta (33%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9FAA0A 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 9FAA0A by changing the saturation by 10% instead.

 9FAA0A

 9FAA0A

FFFFFF

 839000


 D9E150

 677600

 F7FE6C

 4C5D00

 FFFF87

 314600

 FFFFA4

 173000

 FFFFC0

 001C00

 FFFFDD

 000000

 FFFFFB

 9FAA0A

 9FAA0A

■ 9EAA00

■ A0AA1B

■ A1AA2C

■ A3AA3D

■ A4AA4E

■ A5AA5F

■ A6AA70

■ A7AA81

■ A8AA92

■ AAAAA3

Harmonies

Analogous

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



D89511



9FAA0A



52B745

Triad

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



9FAA0A



00BCFE



FF67C0

Complementary

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



9FAA0A



150AAA

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.



D281F9



9FAA0A



00B1FF

Square

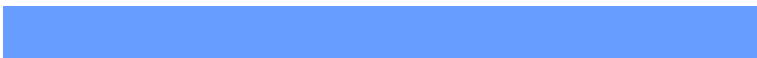
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



9FAA0A



00C0C5



679DFF



FF6481

Rectangle

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



9FAA0A



00BC6E



679DFF



F96ED5

Sweetspot

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



9FAA0A



DADEA0



AA150A



6E704A



F0F0F0



707070

Same Dimension

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



9FAA0A



CFDE00



4FAA0A



54544C



8A9400



131400

Inverse Universe

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



150AAA



0F00DE



650AAA



4C4C54



0A0094



010014

Previews

White Background



This preview shows how the Hex color 9FAA0A looks on a white background.

Color Contrast Check

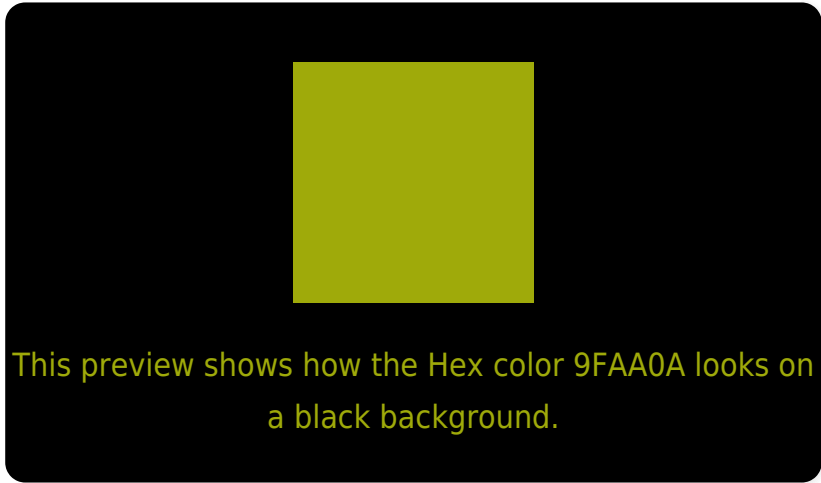
Large Text (above 18pt) WCAG AA × Fail

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 9FAA0A Background



This preview shows how black text looks on a background with the Hex color 9FAA0A.

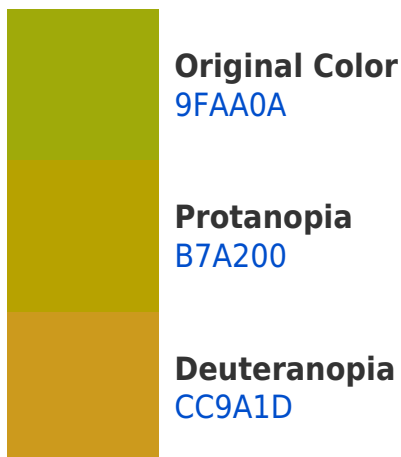


This preview shows how white text looks on a background with the Hex color 9FAA0A.

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](#).

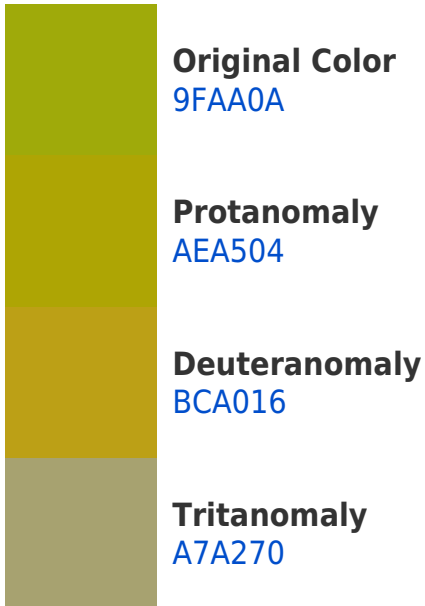
Dichromacy





Tritanopia
AB9EAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9FAA0A 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 #9FAA0A looks like.

```
.text, #text, p{  
    color:#9FAA0A  
}
```

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 #9FAA0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FAA0A
}
```

Border

The CSS property to change the border of an element to Hex 9FAA0A 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
#9FAA0A }
```

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

```
.border{ border-color:#9FAA0A }
```

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

Here you see how a box with a 4 pixel #9FAA0A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FAA0A; -webkit-box-shadow:4px 4px  
4px 4px #9FAA0A; box-shadow:4px 4px 4px  
4px #9FAA0A }
```

Background

The CSS property to change the background color of an element to Hex 9FAA0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FAA0A }
```

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

```
.background{ background-color:#9FAA0A }
```

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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