

Converting Colors

Hex(9FFA0D)

Have a look what the booklet for
Hex(9FFA0D) contains.

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Color

Hex(9FFA0D)

Conversions

Conversions Part 1

Format	Color
Hex	9FFA0D
RGB	159, 250, 13
RGB Percent	62%, 98%, 5%
CMY	0.3765, 0.0196, 0.9490
CMYK	0.36, 0.00, 0.95, 0.02
HSL	83°, 96%, 52%
HSV	83°, 95%, 98%
XYZ	48.5563, 75.7712, 12.4469
YIQ	195.7730, 21.8410, -92.9990

Conversions

Conversions Part 2

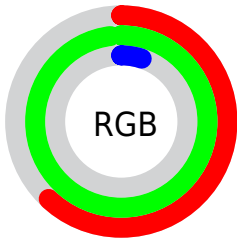
Format	Color
RYB	13, 250, 104
Decimal	10484237
CIELab	89.75, -56.13, 85.27
CIELCh	90, 102.082, 123.355
Yxy	75.7712, 0.3550, 0.5540
Android (android.graphics.Color)	4288674317 (0xFF9FFA0D)
YUV	195.7730, -90.1071, -32.2499
Hunter-Lab	87.0467, -52.7609, 52.4547

Details

The Hex color **9FFA0D** is a dark color, and the websafe version is hex **99FF00**. The color can be described as middle saturated chartreuse. A complement of this color would be **680DFA**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **DCFF60**, and **62C100** is the 20% darker color. If you saturate the color by 10%, you get **9AFA00**, and if you desaturate by 10%, it is **A9FA26**.

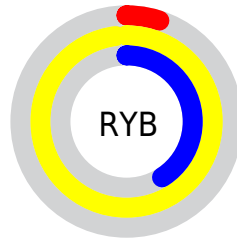
Distribution



Red (62%)

Green (98%)

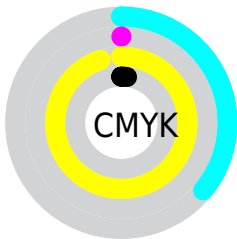
Blue (5%)



Red (5%)

Yellow (98%)

Blue (41%)

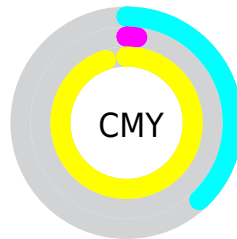


Cyan (36%)

Magenta (0%)

Yellow (95%)

Black (2%)



Cyan (38%)

Magenta (2%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9FFA0D 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 9FFA0D by changing the saturation by 10% instead.

 9FFA0D

 9FFA0D

FFFFFF

 81DD00

 DCFF60

 62C100

 FBFF7E

 41A500

 FFFF9C

 188A00

 FFFFBA

 007000

 FFFFD8

 005700

 FFFFF6

 003E00

 002700

 000000

 9FFA0D

 9FFA0D

 9AFA00

 A9FA26

 B2FA3F

 BCFA58

 C5FA71

 CFFA8A

 D9FAA3

 E2FABC

 ECFAD5

 F5FAEE

Harmonies

Analogous

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



FFE100



9FFA0D



00FF84

Triad

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



9FFA0D



00FFFF



FF74DB

Complementary

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



9FFA0D



680DFA

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.



FF91FF



9FFA0D



00EAFF

Square

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



9FFA0D



00FFFF



ECC2FF



FF8D7C

Rectangle

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



9FFA0D



00FFC8



ECC2FF



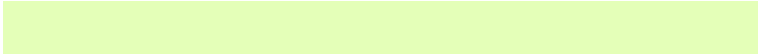
FF78FC

Sweetspot

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



9FFA0D



E4FFB8



FA680D



6F8054



000000



808080

Same Dimension

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



9FFA0D



9DFF00



29FA0D



787D70



74BD00



263D00

Inverse Universe

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



680DFA



6200FF



DE0DFA



75707D



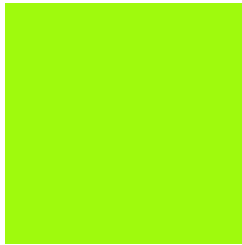
4800BD



17003D

Previews

White Background



This preview shows how the Hex color 9FFA0D looks on a white background.

Color Contrast Check

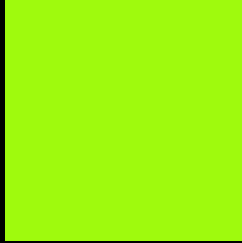
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 9FFA0D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

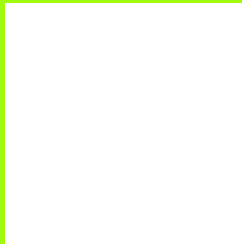
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 9FFA0D Background



This preview shows how black text looks on a background with the Hex color 9FFA0D.



This preview shows how white text looks on a background with the Hex color 9FFA0D.

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](#).

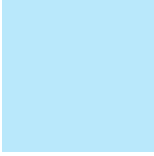
Dichromacy



Original Color
9FFA0D

Protanopia
FDE100

Deuteranopia
FFDBA8



Tritanopia
B9E8FB

Trichromacy



Original Color
9FFA0D



Protanomaly
DBEA05



Deuteranomaly
DCE670

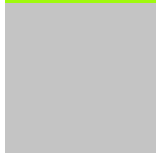


Tritanomaly
B0EFA4

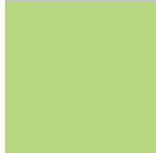
Monochromacy



Original Color
9FFA0D



Achromatopsia
C4C4C4



Achromatomaly
B7D881

CSS Examples

Text

The CSS property to change the color of the text to Hex 9FFA0D 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 #9FFA0D looks like.

```
.text, #text, p{  
    color:#9FFA0D  
}
```

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 #9FFA0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FFA0D
}
```

Border

The CSS property to change the border of an element to Hex 9FFA0D 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
#9FFA0D }
```

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

```
.border{ border-color:#9FFA0D }
```

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

Here you see how a box with a 4 pixel #9FFA0D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FFA0D; -webkit-box-shadow:4px 4px  
4px 4px #9FFA0D; box-shadow:4px 4px 4px  
4px #9FFA0D }
```

Background

The CSS property to change the background color of an element to Hex 9FFA0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FFA0D }
```

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

```
.background{ background-color:#9FFA0D }
```

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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