

Converting Colors

Hex(9AF042)

Have a look what the booklet for
Hex(9AF042) contains.

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Color

Hex(9AF042)

Conversions

Conversions Part 1

Format	Color
Hex	9AF042
RGB	154, 240, 66
RGB Percent	60%, 94%, 26%
CMY	0.3961, 0.0588, 0.7412
CMYK	0.36, 0.00, 0.72, 0.06
HSL	90°, 85%, 60%
HSV	90°, 72%, 94%
XYZ	45.4699, 69.5835, 16.1887
YIQ	194.4500, 4.5980, -72.3460

Conversions

Conversions Part 2

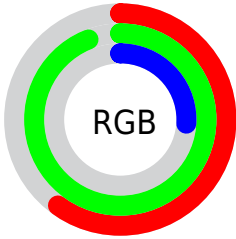
Format	Color
RYB	66, 240, 152
Decimal	10154050
CIELab	86.79, -52.02, 71.27
CIELCh	87, 88.239, 126.124
Yxy	69.5835, 0.3465, 0.5302
Android (android.graphics.Color)	4288344130 (0xFF9AF042)
YUV	194.4500, -63.3258, -35.4746
Hunter-Lab	83.4168, -48.6802, 46.8853

Details

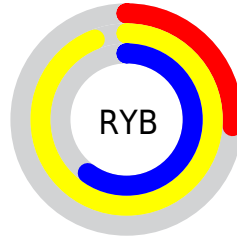
The Hex color **9AF042** is a light color, and the websafe version is hex **99FF66**. The color can be described as light washed chartreuse. A complement of this color would be **9842F0**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **D5FF7C**, and **5FB700** is the 20% darker color. If you saturate the color by 10%, you get **8EF02A**, and if you desaturate by 10%, it is **A6F05A**.

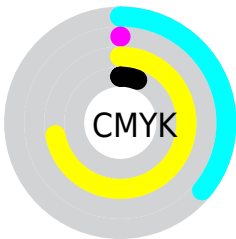
Distribution



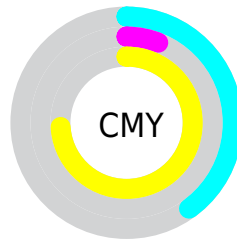
- Red (60%)
- Green (94%)
- Blue (26%)



- Red (26%)
- Yellow (94%)
- Blue (60%)



- Cyan (36%)
- Magenta (0%)
- Yellow (72%)
- Black (6%)



- Cyan (40%)
- Magenta (6%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AF042 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 9AF042 by changing the saturation by 10% instead.

 9AF042

 9AF042

FFFFFF

 7DD31F

 D5FF7C

 5FB700

 F3FF99

 409C00

 FFFFB6

 1A8100

 FFFF D3

 006700

 FFFFF0

 004E00

 003700

 002000

 000000

 9AF042

 9AF042

 8EF02A

 A6F05A

 82F012

 B2F072

 79F000

 BEF08A

 C9F0A2

 D5F0BA

 E1F0D2

 EDF0EA

 F9F0FF

 FFF0FF

Harmonies

Analogous

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



F2DB00



9AF042



00FC92

Triad

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



9AF042



00F4FF



FF84CC

Complementary

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



9AF042



9842F0

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.



FF95FF



9AF042



00DEFF

Square

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



9AF042



00FEFF



F1BBFF



FF987B

Rectangle

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



9AF042



00FFCB



F1BBFF



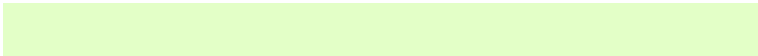
FF85E8

Sweetspot

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



9AF042



E3FFC7



F09642



6F805E



000000



808080

Same Dimension

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



9AF042



91FF21



45F042



72786C



5DB800



1C3800

Inverse Universe

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



9842F0



8F21FF



ED42F0



726C78



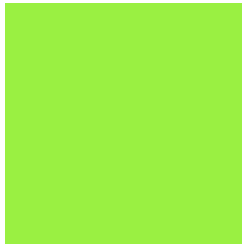
5B00B8



1C0038

Previews

White Background



This preview shows how the Hex color 9AF042 looks on a white background.

Color Contrast Check

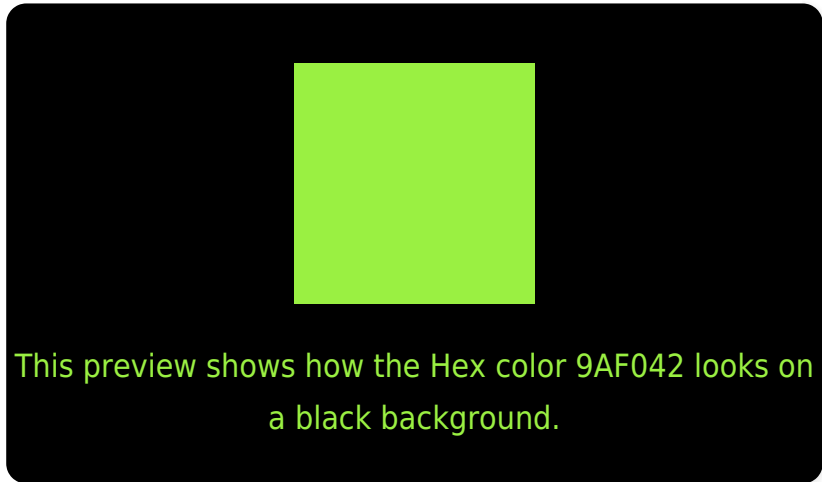
Large Text (above 18pt) WCAG AA × Fail

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 9AF042 Background



This preview shows how black text looks on a background with the Hex color 9AF042.

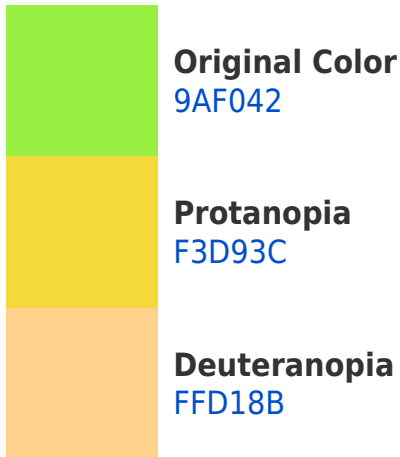


This preview shows how white text looks on a background with the Hex color 9AF042.

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



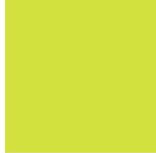


Tritanopia
B2E0F2

Trichromacy



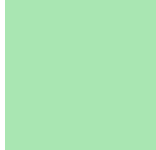
Original Color
9AF042



Protanomaly
D3E13E



Deuteranomaly
DADC70

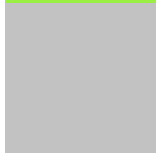


Tritanomaly
A9E6B2

Monochromacy



Original Color
9AF042



Achromatopsia
C2C2C2



Achromatomaly
B3D393

CSS Examples

Text

The CSS property to change the color of the text to Hex 9AF042 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 #9AF042 looks like.

```
.text, #text, p{  
    color:#9AF042  
}
```

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 #9AF042 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AF042
}
```

Border

The CSS property to change the border of an element to Hex 9AF042 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
#9AF042 }
```

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

```
.border{ border-color:#9AF042 }
```

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

Here you see how a box with a 4 pixel #9AF042 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AF042; -webkit-box-shadow:4px 4px  
4px 4px #9AF042; box-shadow:4px 4px 4px  
4px #9AF042 }
```

Background

The CSS property to change the background color of an element to Hex 9AF042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AF042 }
```

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

```
.background{ background-color:#9AF042 }
```

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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