

Converting Colors

Hex(9AF25A)

Have a look what the booklet for
Hex(9AF25A) contains.

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Color

Hex(9AF25A)

Conversions

Conversions Part 1

Format	Color
Hex	9AF25A
RGB	154, 242, 90
RGB Percent	60%, 95%, 35%
CMY	0.3961, 0.0510, 0.6471
CMYK	0.36, 0.00, 0.63, 0.05
HSL	95°, 85%, 65%
HSV	95°, 63%, 95%
XYZ	46.9240, 71.1125, 20.9258
YIQ	198.3600, -3.6560, -65.9280

Conversions

Conversions Part 2

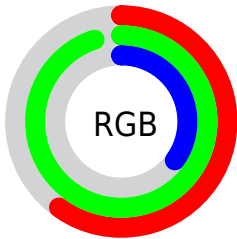
Format	Color
RYB	90, 242, 178
Decimal	10154586
CIELab	87.54, -51.12, 63.10
CIELCh	88, 81.206, 129.011
Yxy	71.1125, 0.3377, 0.5117
Android (android.graphics.Color)	4288344666 (0xFF9AF25A)
YUV	198.3600, -53.4215, -38.9037
Hunter-Lab	84.3282, -48.2489, 44.3171

Details

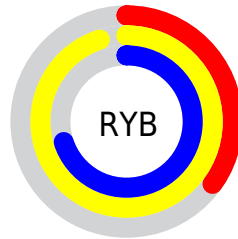
The Hex color **9AF25A** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **B25AF2**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **D5FF92**, and **60B91D** is the 20% darker color. If you saturate the color by 10%, you get **8CF242**, and if you desaturate by 10%, it is **A8F272**.

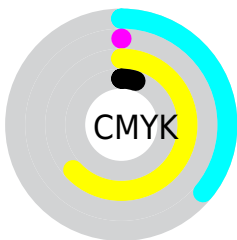
Distribution



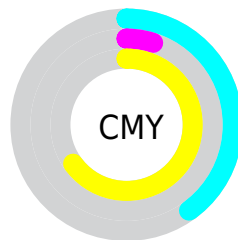
- Red (60%)
- Green (95%)
- Blue (35%)



- Red (35%)
- Yellow (95%)
- Blue (70%)



- Cyan (36%)
- Magenta (0%)
- Yellow (63%)
- Black (5%)



- Cyan (40%)
- Magenta (5%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AF25A 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 9AF25A by changing the saturation by 10% instead.

 9AF25A

 9AF25A

FFFFFF

 7DD53E

 D5FF92

 60B91D

 F3FFAE

 429E00

 FFFFCA

 1E8300

 FFFF E7

 006900

 005000

 003800

 002200

 000000

 9AF25A

 9AF25A

 8CF242

 A8F272

 7EF22A

 B6F28A

 70F211

 C4F2A3

 66F200

 D2F2BB

 E0F2D3

 EEF2EB

 FCF2FF

 FFF2FF

Harmonies

Analogous

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



EDDF2D



9AF25A



00FDA1

Triad

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



9AF25A



00F2FF



FF91C7

Complementary

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



9AF25A



B25AF2

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.



FF9DFF



9AF25A



5FDCFF

Square

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



9AF25A



00FEFF



FDBDFF



FFA47E

Rectangle

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



9AF25A



00FFD6



FDBDFF



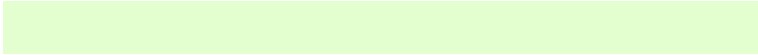
FF92E1

Sweetspot

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



9AF25A



E3FFCF



F2B05A



6F8062



000000



808080

Same Dimension

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



9AF25A



90FF40



5AF264



71786C



4DB800



183800

Inverse Universe

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



B25AF2



AE40FF



F25AE8



736C78



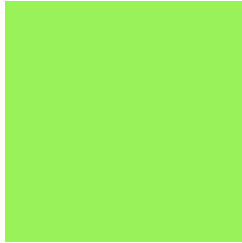
6A00B8



200038

Previews

White Background



This preview shows how the Hex color 9AF25A 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 9AF25A 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 9AF25A Background



This preview shows how black text looks on a background with the Hex color 9AF25A.

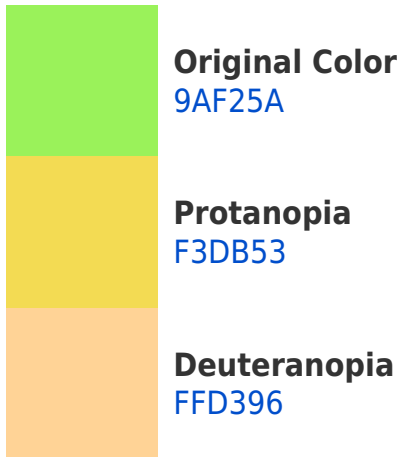


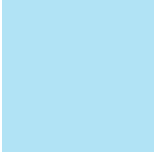
This preview shows how white text looks on a background with the Hex color 9AF25A.

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](#).

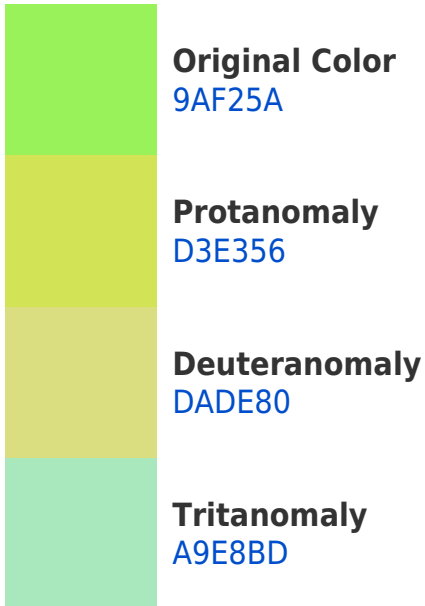
Dichromacy



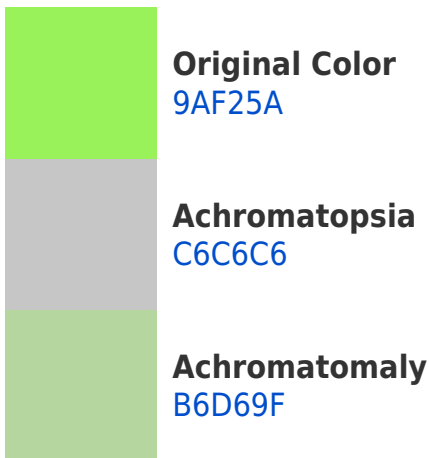


Tritanopia
B1E3F5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9AF25A 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 #9AF25A looks like.

```
.text, #text, p{  
    color:#9AF25A  
}
```

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 #9AF25A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AF25A
}
```

Border

The CSS property to change the border of an element to Hex 9AF25A 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
#9AF25A }
```

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

```
.border{ border-color:#9AF25A }
```

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

Here you see how a box with a 4 pixel #9AF25A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AF25A; -webkit-box-shadow:4px 4px  
4px 4px #9AF25A; box-shadow:4px 4px 4px  
4px #9AF25A }
```

Background

The CSS property to change the background color of an element to Hex 9AF25A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AF25A }
```

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

```
.background{ background-color:#9AF25A }
```

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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