

Converting Colors

Hex(9AF065)

Have a look what the booklet for
Hex(9AF065) contains.

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Color

Hex(9AF065)

Conversions

Conversions Part 1

Format	Color
Hex	9AF065
RGB	154, 240, 101
RGB Percent	60%, 94%, 40%
CMY	0.3961, 0.0588, 0.6039
CMYK	0.36, 0.00, 0.58, 0.06
HSL	97°, 82%, 67%
HSV	97°, 58%, 94%
XYZ	46.8355, 70.1298, 23.3798
YIQ	198.4400, -6.6370, -61.4610

Conversions

Conversions Part 2

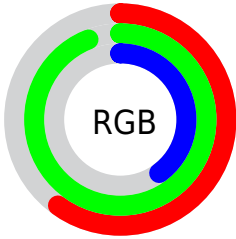
Format	Color
RYB	101, 240, 187
Decimal	10154085
CIELab	87.06, -49.30, 57.93
CIElCh	87, 76.066, 130.400
Yxy	70.1298, 0.3337, 0.4997
Android (android.graphics.Color)	4288344165 (0xFF9AF065)
YUV	198.4400, -48.0379, -38.9739
Hunter-Lab	83.7435, -46.7210, 42.0677

Details

The Hex color **9AF065** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **BB65F0**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **D4FF9C**, and **61B72E** is the 20% darker color. If you saturate the color by 10%, you get **8BF04D**, and if you desaturate by 10%, it is **A9F07D**.

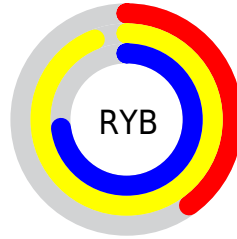
Distribution



Red (60%)

Green (94%)

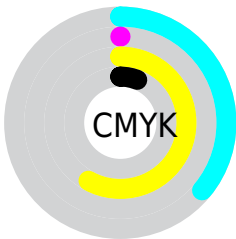
Blue (40%)



Red (40%)

Yellow (94%)

Blue (73%)

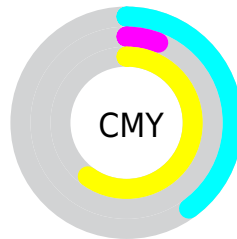


Cyan (36%)

Magenta (0%)

Yellow (58%)

Black (6%)



Cyan (40%)

Magenta (6%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AF065 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 9AF065 by changing the saturation by 10% instead.

 9AF065

 9AF065

FFFFFF

 7DD34A

 D4FF9C

 61B72E

 F2FFB8

 439C08

 FFFFD4

 228100

 FFFFF2

 006800

 004F00

 003700

 002000

 000000

 9AF065

 9AF065

 8BF04D

 A9F07D

 7CF035

 B8F095

 6DF01D

 C7F0AD

 5FF005

 D5F0C5

 5CF000

 E4F0DD

 F3F0F5

 FFF0FF

Harmonies

Analogous

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



E9DE3D



9AF065



00FAA7

Triad

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



9AF065



00EFFF



FF97C4

Complementary

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



9AF065



BB65F0

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.



FFA0FF



9AF065



7ADAFF

Square

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



9AF065



00FAFF



FFBCFF



FFA980

Rectangle

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



9AF065



00FDD9



FFBCFF



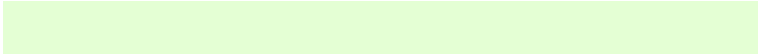
FF97DC

Sweetspot

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



9AF065



E4FFD4



F0BB65



708066



000000



808080

Same Dimension

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



9AF065



91FF4D



65F075



70786C



46B800



153800

Inverse Universe

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



BB65F0



BB4DFF



F065E0



736C78



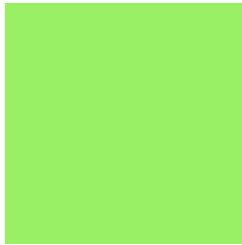
7200B8



230038

Previews

White Background



This preview shows how the Hex color 9AF065 looks on a white background.

Color Contrast Check

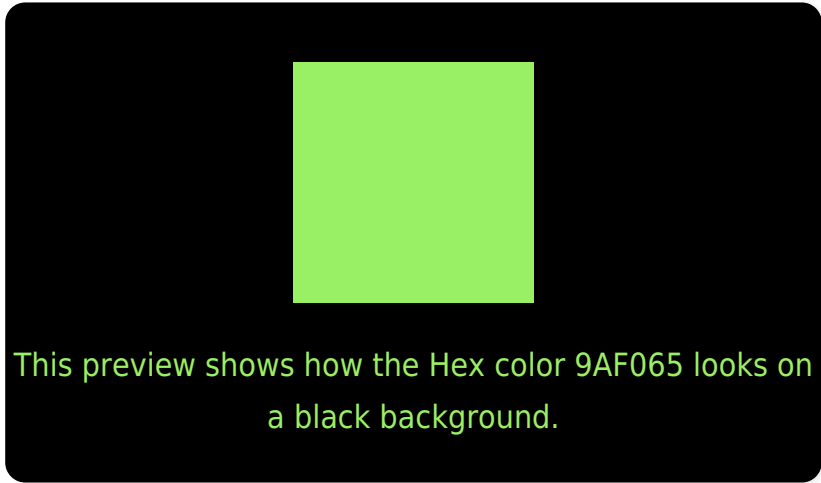
Large Text (above 18pt) WCAG AA × Fail

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 9AF065 Background



This preview shows how black text looks on a background with the Hex color 9AF065.

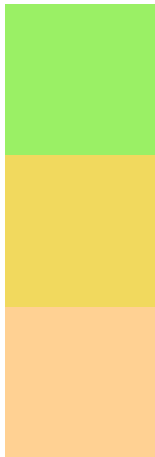


This preview shows how white text looks on a background with the Hex color 9AF065.

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](#).

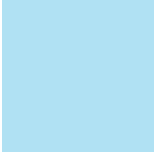
Dichromacy



Original Color
9AF065

Protanopia
F1D95E

Deuteranopia
FFD193

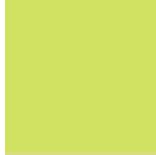


Tritanopia
B0E1F3

Trichromacy



Original Color
9AF065



Protanomaly
D1E161



Deuteranomaly
DADC82

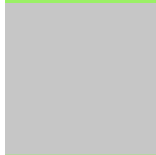


Tritanomaly
A8E6BF

Monochromacy



Original Color
9AF065



Achromatopsia
C6C6C6



Achromatomaly
B6D5A3

CSS Examples

Text

The CSS property to change the color of the text to Hex 9AF065 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 #9AF065 looks like.

```
.text, #text, p{  
    color:#9AF065  
}
```

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 #9AF065 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AF065
}
```

Border

The CSS property to change the border of an element to Hex 9AF065 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
#9AF065 }
```

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

```
.border{ border-color:#9AF065 }
```

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

Here you see how a box with a 4 pixel #9AF065 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AF065; -webkit-box-shadow:4px 4px  
4px 4px #9AF065; box-shadow:4px 4px 4px  
4px #9AF065 }
```

Background

The CSS property to change the background color of an element to Hex 9AF065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AF065 }
```

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

```
.background{ background-color:#9AF065 }
```

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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