

Converting Colors

Hex(9AD845)

Have a look what the booklet for
Hex(9AD845) contains.

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Color

Hex(9AD845)

Conversions

Conversions Part 1

Format	Color
Hex	9AD845
RGB	154, 216, 69
RGB Percent	60%, 85%, 27%
CMY	0.3961, 0.1529, 0.7294
CMYK	0.29, 0.00, 0.68, 0.15
HSL	85°, 65%, 56%
HSV	85°, 68%, 85%
XYZ	38.9565, 56.4114, 14.4655
YIQ	180.7040, 10.2350, -58.8610

Conversions

Conversions Part 2

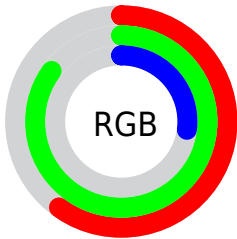
Format	Color
RYB	69, 216, 131
Decimal	10147909
CIELab	79.85, -41.73, 63.20
CIELCh	80, 75.735, 123.434
Yxy	56.4114, 0.3547, 0.5136
Android (android.graphics.Color)	4288337989 (0xFF9AD845)
YUV	180.7040, -55.0701, -23.4194
Hunter-Lab	75.1075, -38.8546, 41.1562

Details

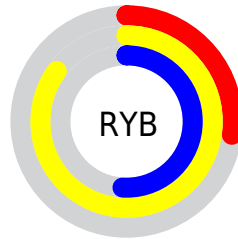
The Hex color **9AD845** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **8345D8**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **D4FF7D**, and **62A100** is the 20% darker color. If you saturate the color by 10%, you get **91D82F**, and if you desaturate by 10%, it is **A3D85B**.

Distribution



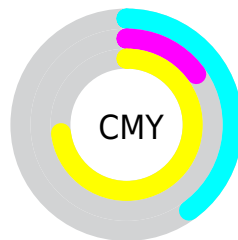
- Red (60%)
- Green (85%)
- Blue (27%)



- Red (27%)
- Yellow (85%)
- Blue (51%)



- Cyan (29%)
- Magenta (0%)
- Yellow (68%)
- Black (15%)



- Cyan (40%)
- Magenta (15%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AD845 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 9AD845 by changing the saturation by 10% instead.

 9AD845

 9AD845

FFFFFF

 7EBC27

 D4FF7D

 62A100

 F1FF98

 458600

 FFFFB5

 276C00

 FFFFD1

 005400

 FFFFEE

 003C00

 002700

 000000

 9AD845

 9AD845

 91D82F

 A3D85B

 88D81A

 ACD870

 7FD804

 B5D886

 7DD800

 BED89B

 C8D8B1

 D1D8C7

 DAD8DC

 E3D8F2

 ECD8FF

Harmonies

Analogous

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



E3C524



9AD845



00E383

Triad

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



9AD845



00DEFF



FF82C1

Complementary

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



9AD845



8345D8

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



9AD845



00CBFF

Square

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



9AD845



00E6FF



D2B0FF



FF8E7C

Rectangle

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



9AD845



00E7B4



D2B0FF



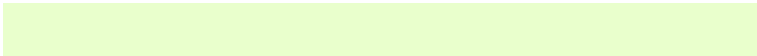
FF84D9

Sweetspot

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



9AD845



E9FFCC



D88245



738061



000000



808080

Same Dimension

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



9AD845



A7FF2E



51D845



676B60



63AB00



192B00

Inverse Universe

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



8345D8



862EFF



CC45D8



65606B



4800AB



12002B

Previews

White Background



This preview shows how the Hex color 9AD845 looks on a white background.

Color Contrast Check

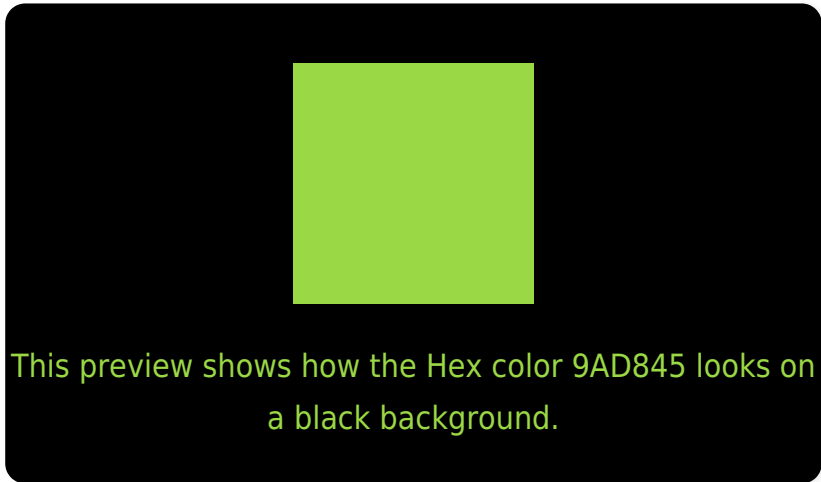
Large Text (above 18pt) WCAG AA × Fail

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 9AD845 Background



This preview shows how black text looks on a background with the Hex color 9AD845.

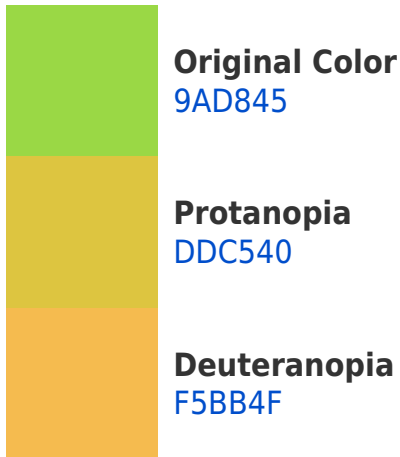


This preview shows how white text looks on a background with the Hex color 9AD845.

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



Trichromacy



Original Color
9AD845



Protanomaly
C5CC42



Deuteranomaly
D4C64B



Tritanomaly
A6CFA4

Monochromacy



Original Color
9AD845



Achromatopsia
B5B5B5



Achromatomaly
ABC28C

CSS Examples

Text

The CSS property to change the color of the text to Hex 9AD845 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 #9AD845 looks like.

```
.text, #text, p{  
    color:#9AD845  
}
```

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 #9AD845 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AD845
}
```

Border

The CSS property to change the border of an element to Hex 9AD845 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
#9AD845 }
```

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

```
.border{ border-color:#9AD845 }
```

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

Here you see how a box with a 4 pixel #9AD845 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AD845; -webkit-box-shadow:4px 4px  
4px 4px #9AD845; box-shadow:4px 4px 4px  
4px #9AD845 }
```

Background

The CSS property to change the background color of an element to Hex 9AD845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AD845 }
```

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

```
.background{ background-color:#9AD845 }
```

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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