

Converting Colors

Hex(9AD563)

Have a look what the booklet for
Hex(9AD563) contains.

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Color

Hex(9AD563)

Conversions

Conversions Part 1

Format	Color
Hex	9AD563
RGB	154, 213, 99
RGB Percent	60%, 84%, 39%
CMY	0.3961, 0.1647, 0.6118
CMYK	0.28, 0.00, 0.54, 0.16
HSL	91°, 58%, 61%
HSV	91°, 54%, 84%
XYZ	39.3728, 55.3594, 20.4146
YIQ	182.3630, 1.4300, -47.9620

Conversions

Conversions Part 2

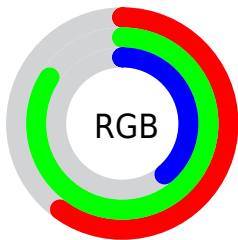
Format	Color
RYB	99, 213, 158
Decimal	10147171
CIELab	79.25, -37.83, 49.75
CIELCh	79, 62.497, 127.246
Yxy	55.3594, 0.3419, 0.4808
Android (android.graphics.Color)	4288337251 (0xFF9AD563)
YUV	182.3630, -41.0980, -24.8744
Hunter-Lab	74.4039, -35.7487, 35.8150

Details

The Hex color **9AD563** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **9E63D5**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **D3FF99**, and **639E2F** is the 20% darker color. If you saturate the color by 10%, you get **8FD54E**, and if you desaturate by 10%, it is **A5D578**.

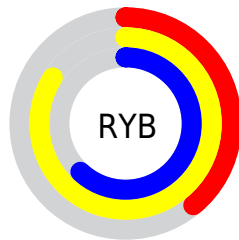
Distribution



Red (60%)

Green (84%)

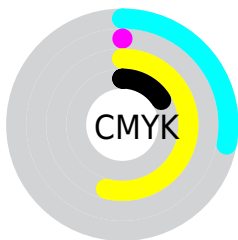
Blue (39%)



Red (39%)

Yellow (84%)

Blue (62%)

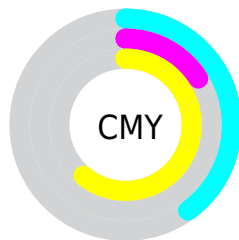


Cyan (28%)

Magenta (0%)

Yellow (54%)

Black (16%)



Cyan (40%)

Magenta (16%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AD563 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 9AD563 by changing the saturation by 10% instead.

 9AD563

 9AD563

FFFFFF

 7EB949

 D3FF99

 639E2F

 F0FFB4

 488410

 FFFF00

 2C6A00

 FFFFED

 0E5100

 003A00

 002500

 000000

 9AD563

 9AD563

 8FD54E

 A5D578

 84D538

 B0D58E

 79D523

 BBD5A3

 6ED50E

 C6D5B8

 67D500

 D1D5CE

 DCD5E3

 E7D5F8

 F2D5FF

 FDD5FF

Harmonies

Analogous

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



D8C64A



9AD563



3CDE95

Triad

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



9AD563



00D6FF



FF91B8

Complementary

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



9AD563



9E63D5

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.



FF99F3



9AD563



72C6FF

Square

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



9AD563



00DFFF



DBAFFF



FF9C81

Rectangle

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



9AD563



00E1BD



DBAFFF



FF92CC

Sweetspot

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



9AD563



EAFD6



D59E63



738067



000000



808080

Same Dimension

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



9AD563



ABFF5C



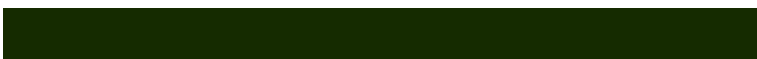
63D565



666B60



52AB00



152B00

Inverse Universe

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



9E63D5



B05CFF



D563D3



66606B



5800AB



16002B

Previews

White Background



This preview shows how the Hex color 9AD563 looks on a white background.

Color Contrast Check

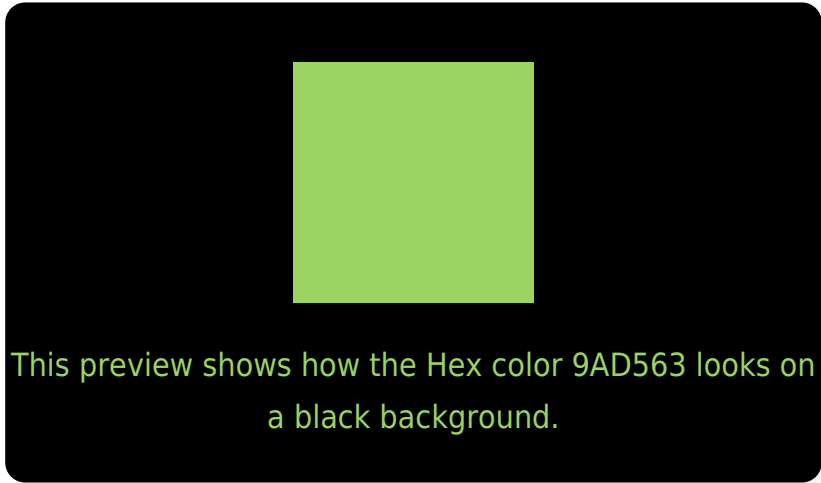
Large Text (above 18pt) WCAG AA × Fail

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 9AD563 Background



This preview shows how black text looks on a background with the Hex color 9AD563.

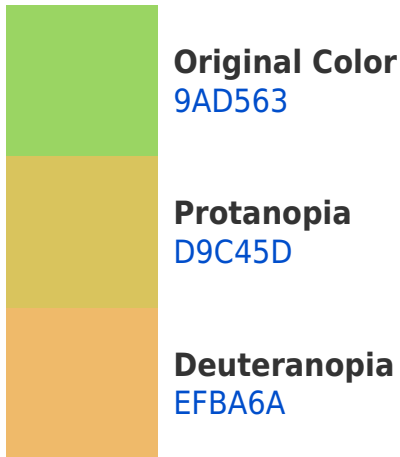


This preview shows how white text looks on a background with the Hex color 9AD563.

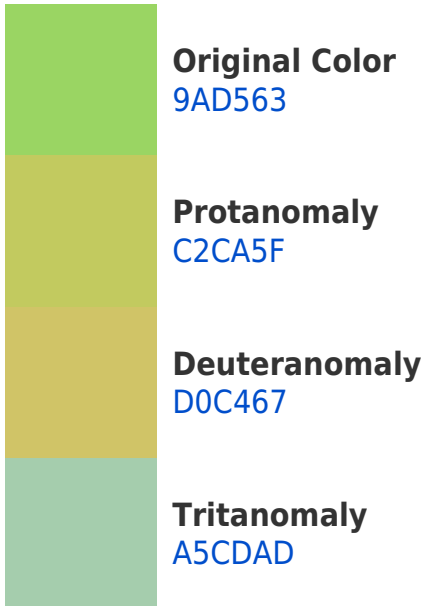
Color Blindness Simulation

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](#).

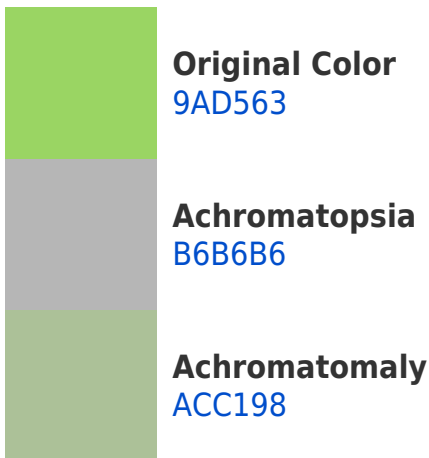
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9AD563 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 #9AD563 looks like.

```
.text, #text, p{  
    color:#9AD563  
}
```

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 #9AD563 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AD563
}
```

Border

The CSS property to change the border of an element to Hex 9AD563 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
#9AD563 }
```

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

```
.border{ border-color:#9AD563 }
```

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

Here you see how a box with a 4 pixel #9AD563 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AD563; -webkit-box-shadow:4px 4px  
4px 4px #9AD563; box-shadow:4px 4px 4px  
4px #9AD563 }
```

Background

The CSS property to change the background color of an element to Hex 9AD563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AD563 }
```

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

```
.background{ background-color:#9AD563 }
```

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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