

Converting Colors

Hex(99DD4A)

Have a look what the booklet for
Hex(99DD4A) contains.

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Color

Hex(99DD4A)

Conversions

Conversions Part 1

Format	Color
Hex	99DD4A
RGB	153, 221, 74
RGB Percent	60%, 87%, 29%
CMY	0.4000, 0.1333, 0.7098
CMYK	0.31, 0.00, 0.67, 0.13
HSL	88°, 68%, 58%
HSV	88°, 67%, 87%
XYZ	40.2294, 58.9796, 15.7425
YIQ	183.9100, 6.6590, -60.1330

Conversions

Conversions Part 2

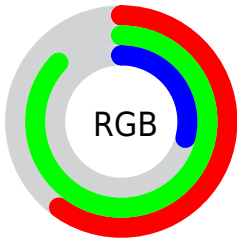
Format	Color
RYB	74, 221, 142
Decimal	10083658
CIELab	81.28, -43.90, 62.75
CIELCh	81, 76.587, 124.977
Yxy	58.9796, 0.3500, 0.5131
Android (android.graphics.Color)	4288273738 (0xFF99DD4A)
YUV	183.9100, -54.1856, -27.1081
Hunter-Lab	76.7982, -40.8928, 41.6052

Details

The Hex color **99DD4A** 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 **8E4ADD**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **D3FF81**, and **60A501** is the 20% darker color. If you saturate the color by 10%, you get **8FDD34**, and if you desaturate by 10%, it is **A3DD60**.

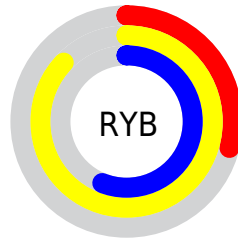
Distribution



Red (60%)

Green (87%)

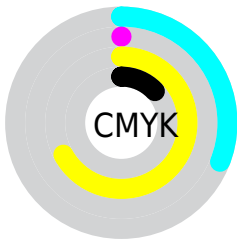
Blue (29%)



Red (29%)

Yellow (87%)

Blue (56%)

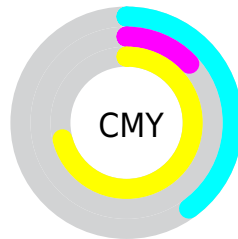


Cyan (31%)

Magenta (0%)

Yellow (67%)

Black (13%)



Cyan (40%)

Magenta (13%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99DD4A 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 99DD4A by changing the saturation by 10% instead.

 99DD4A

 99DD4A

FFFFFF

 7DC12D

 D3FF81

 60A501

 F1FF9D

 448B00

 FFFFBA

 257100

 FFFFD6

 005800

 FFFFF4

 004000

 002A00

 000900

 000000

 99DD4A

 99DD4A

 8FDD34

 A3DD60

 85DD1E

 ADDD76

 7ADD08

 B8DD8C

 77DD00

 C2DDA2

 CCDDB9

 D6DDCF

 E1DDE5

 EBDDFB

 F5DDFF

Harmonies

Analogous

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



E4CA26



99DD4A



00E88A

Triad

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



99DD4A



00E1FF



FF85C1

Complementary

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



99DD4A



8E4ADD

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.



FF93FF



99DD4A



1CCEFF

Square

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



99DD4A



00EAFB



DBB2FF



FF937C

Rectangle

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



99DD4A



00EBBB



DBB2FF



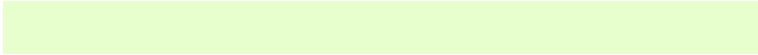
FF86D9

Sweetspot

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



99DD4A



E7FFCC



DD8C4A



718061



000000



808080

Same Dimension

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



99DD4A



A1FF33



51DD4A



696E63



5DAD00



192E00

Inverse Universe

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



8E4ADD



9133FF



D64ADD



68636E



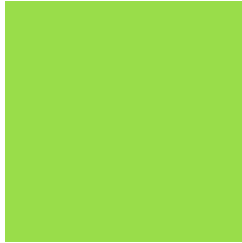
5000AD



15002E

Previews

White Background



This preview shows how the Hex color 99DD4A looks on a white background.

Color Contrast Check

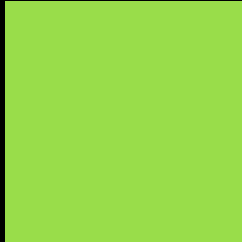
Large Text (above 18pt) WCAG AA × Fail

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 99DD4A 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 99DD4A Background



This preview shows how black text looks on a background with the Hex color 99DD4A.

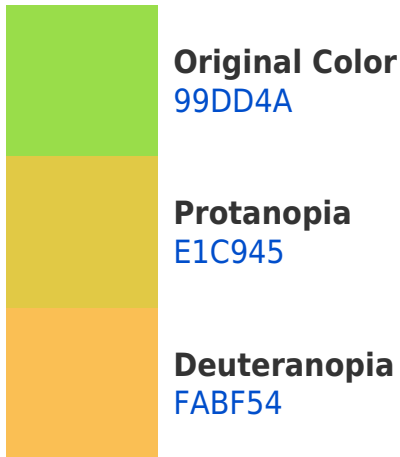


This preview shows how white text looks on a background with the Hex color 99DD4A.

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
99DD4A



Protanomaly
C7D047



Deuteranomaly
D7CA50

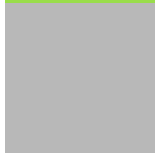


Tritanomaly
A6D4A9

Monochromacy



Original Color
99DD4A



Achromatopsia
B8B8B8



Achromatomaly
ADC590

CSS Examples

Text

The CSS property to change the color of the text to Hex 99DD4A 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 #99DD4A looks like.

```
.text, #text, p{  
    color:#99DD4A  
}
```

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 #99DD4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99DD4A
}
```

Border

The CSS property to change the border of an element to Hex 99DD4A 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
#99DD4A }
```

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

```
.border{ border-color:#99DD4A }
```

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

Here you see how a box with a 4 pixel #99DD4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99DD4A; -webkit-box-shadow:4px 4px  
4px 4px #99DD4A; box-shadow:4px 4px 4px  
4px #99DD4A }
```

Background

The CSS property to change the background color of an element to Hex 99DD4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99DD4A }
```

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

```
.background{ background-color:#99DD4A }
```

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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