

Converting Colors

Hex(9DD94C)

Have a look what the booklet for
Hex(9DD94C) contains.

Hex(9DD94C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9DD94C)

Conversions

Conversions Part 1

Format	Color
Hex	9DD94C
RGB	157, 217, 76
RGB Percent	62%, 85%, 30%
CMY	0.3843, 0.1490, 0.7020
CMYK	0.28, 0.00, 0.65, 0.15
HSL	86°, 65%, 57%
HSV	86°, 65%, 85%
XYZ	40.0220, 57.3156, 15.7911
YIQ	182.9860, 9.5010, -56.5710

Conversions

Conversions Part 2

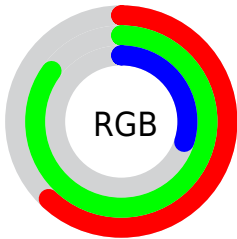
Format	Color
RYB	76, 217, 136
Decimal	10344780
CIELab	80.36, -40.57, 61.05
CIElCh	80, 73.303, 123.603
Yxy	57.3156, 0.3538, 0.5066
Android (android.graphics.Color)	4288534860 (0xFF9DD94C)
YUV	182.9860, -52.7441, -22.7897
Hunter-Lab	75.7071, -38.1247, 40.6281

Details

The Hex color **9DD94C** 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 **884CD9**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **D7FF83**, and **65A209** is the 20% darker color. If you saturate the color by 10%, you get **94D936**, and if you desaturate by 10%, it is **A6D962**.

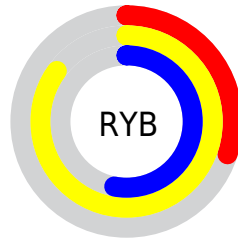
Distribution



Red (62%)

Green (85%)

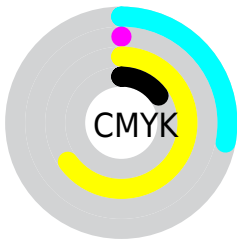
Blue (30%)



Red (30%)

Yellow (85%)

Blue (53%)

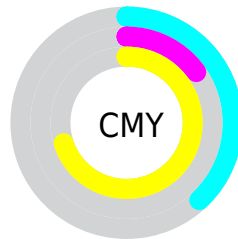


Cyan (28%)

Magenta (0%)

Yellow (65%)

Black (15%)



Cyan (38%)

Magenta (15%)

Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Hex color 9DD94C 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 9DD94C by changing the saturation by 10% instead.

 9DD94C

 9DD94C

FFFFFF

 81BD2F

 D7FF83

 65A209

 F4FF9F

 498700

 FFFFBB

 2C6D00

 FFFFD8

 055500

 FFFFF5

 003D00

 002800

 000200

 000000

 9DD94C

 9DD94C

 94D936

 A6D962

 8BD921

 AFD977

 81D90B

 B9D98D

 7DD900

 C2D9A3

 CBD9B9

 D4D9CE

 DED9E4

 E7D9FA

 F0D9FF

Harmonies

Analogous

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



E3C72F



9DD94C



1BE487

Triad

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



9DD94C



00DEFF



FF86C2

Complementary

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



9DD94C



884CD9

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.



FF95FF



9DD94C



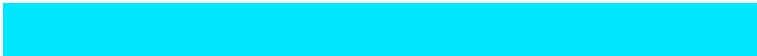
1FCCFF

Square

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



9DD94C



00E7FF



D4B2FF



FF937F

Rectangle

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



9DD94C



00E7B6



D4B2FF



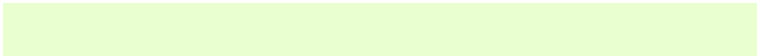
FF88D9

Sweetspot

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



9DD94C



EAFFCF



D9874C



738062



000000



808080

Same Dimension

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



9DD94C



AAFF38



58D94C



696E63



64AD00



1A2E00

Inverse Universe

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



884CD9



8D38FF



CD4CD9



67636E



4A00AD



14002E

Previews

White Background



This preview shows how the Hex color 9DD94C looks on a white background.

Color Contrast Check

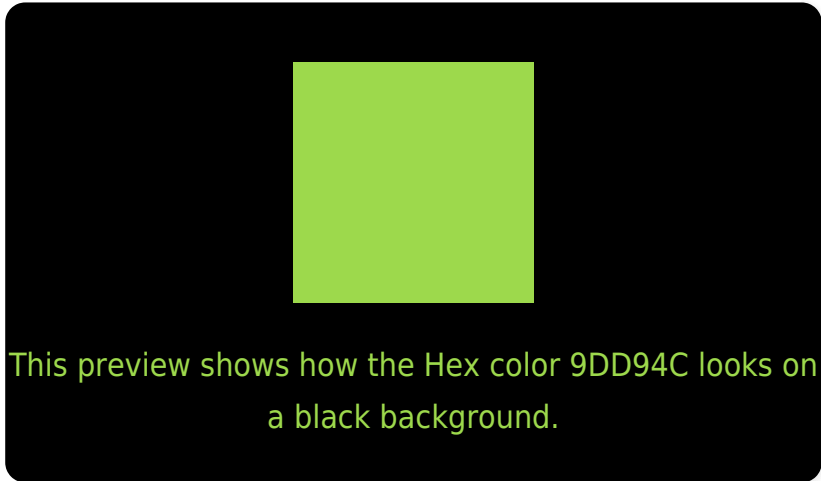
Large Text (above 18pt) WCAG AA × Fail

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 9DD94C Background



This preview shows how black text looks on a background with the Hex color 9DD94C.

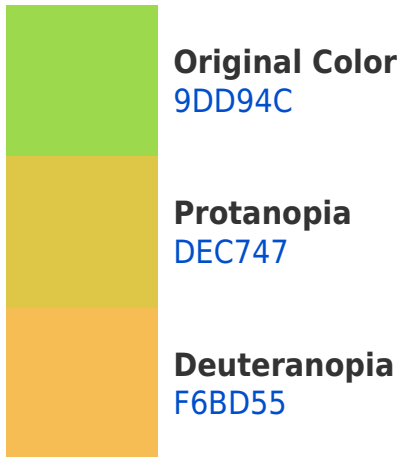


This preview shows how white text looks on a background with the Hex color 9DD94C.

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
9DD94C



Protanomaly
C6CE49



Deuteranomaly
D6C752

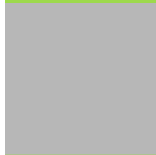


Tritanomaly
A9D0A7

Monochromacy



Original Color
9DD94C



Achromatopsia
B7B7B7



Achromatomaly
AEC390

CSS Examples

Text

The CSS property to change the color of the text to Hex 9DD94C 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 #9DD94C looks like.

```
.text, #text, p{  
    color:#9DD94C  
}
```

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 #9DD94C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DD94C
}
```

Border

The CSS property to change the border of an element to Hex 9DD94C 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
#9DD94C }
```

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

```
.border{ border-color:#9DD94C }
```

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

Here you see how a box with a 4 pixel #9DD94C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DD94C; -webkit-box-shadow:4px 4px  
4px 4px #9DD94C; box-shadow:4px 4px 4px  
4px #9DD94C }
```

Background

The CSS property to change the background color of an element to Hex 9DD94C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DD94C }
```

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

```
.background{ background-color:#9DD94C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor