

# Converting Colors

Hex(9DC55C)

Have a look what the booklet for  
Hex(9DC55C) contains.

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**Color**

**Hex(9DC55C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9DC55C
RGB	157, 197, 92
RGB Percent	62%, 77%, 36%
CMY	0.3843, 0.2275, 0.6392
CMYK	0.20, 0.00, 0.53, 0.23
HSL	83°, 48%, 57%
HSV	83°, 53%, 77%
XYZ	35.8026, 47.8733, 17.4787
YIQ	173.0700, 9.8650, -41.1350

# Conversions

## Conversions Part 2

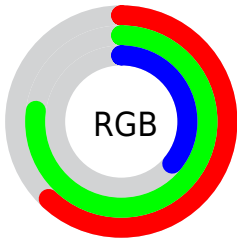
Format	Color
<a href="#">RYB</a>	<a href="#">92, 197, 132</a>
Decimal	<a href="#">10339676</a>
CIELab	<a href="#">74.74, -30.04, 47.76</a>
CIELCh	<a href="#">75, 56.423, 122.169</a>
Yxy	<a href="#">47.8733, 0.3539, 0.4733</a>
Android (android.graphics.Color)	<a href="#">4288529756 (0xFF9DC55C)</a>
YUV	<a href="#">173.0700, -39.9675, -14.0934</a>
Hunter-Lab	<a href="#">69.1905, -28.7186, 33.4557</a>

# Details

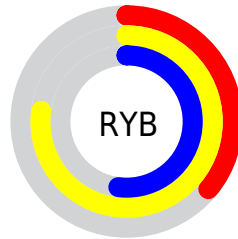
The Hex color **9DC55C** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **845CC5**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **D5FE91**, and **678F28** is the 20% darker color. If you saturate the color by 10%, you get **95C548**, and if you desaturate by 10%, it is **A5C570**.

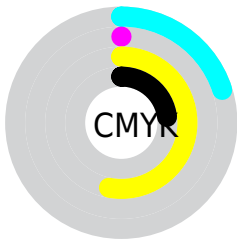
# Distribution



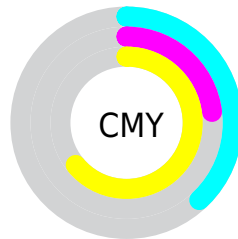
- Red (62%)
- Green (77%)
- Blue (36%)



- Red (36%)
- Yellow (77%)
- Blue (52%)



- Cyan (20%)
- Magenta (0%)
- Yellow (53%)
- Black (23%)



- Cyan (38%)
- Magenta (23%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9DC55C 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 9DC55C by changing the saturation by 10% instead.



 9DC55C

 9DC55C

FFFFFF

 82AA42

 D5FE91

 678F28

 F3FFAC

 4D7509

 FFFFC8

 335C00

 FFFF E5

 184400

 002E00

 001900

 000000

 9DC55C

 9DC55C

 95C548

 A5C570

 8EC535

 ACC583

 86C521

 B4C597

 7FC50D

 BBC5AB

 7AC500

 C3C5BF

 CAC5D2

 D2C5E6

 D9C5FA

 E1C5FF

# Harmonies

## Analogous

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



D2B64C



9DC55C



56CE85

# Triad

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



9DC55C



00CAFF



FF8BB6

# Complementary

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



9DC55C



845CC5

# 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.



FB95E9



9DC55C



5DBCFF

# Square

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



9DC55C



00D1EE



C0A9FF



FF9283

# Rectangle

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



9DC55C



00D1A8



C0A9FF



FF8DC8



# Sweetspot

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



9DC55C



EFFFD6



C5835C



768067



000000



808080



# Same Dimension

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



9DC55C



C1FF5C



6AC55C



60635A



65A300



162400



# Inverse Universe

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



845CC5



9A5CFF



B75CC5



5D5A63



3E00A3



0E0024



# Previews

## White Background



This preview shows how the Hex color 9DC55C looks on a white background.

## Color Contrast Check

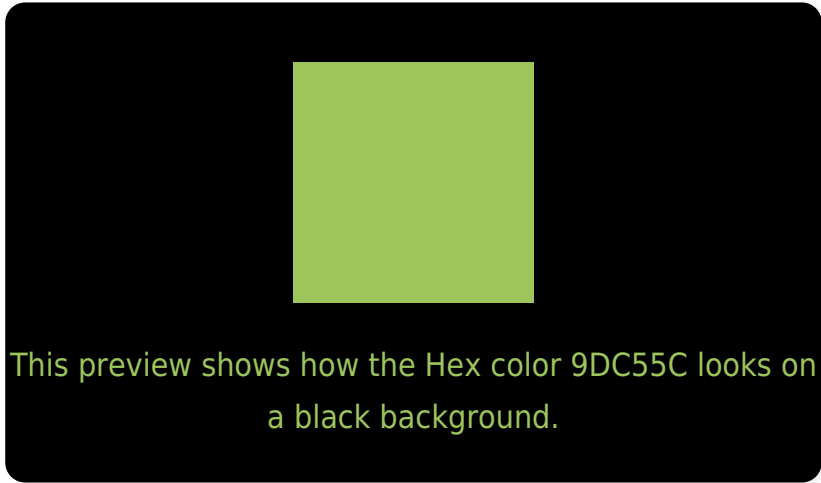
Large Text (above 18pt) WCAG AA × Fail

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 9DC55C Background



This preview shows how black text looks on a background with the Hex color 9DC55C.

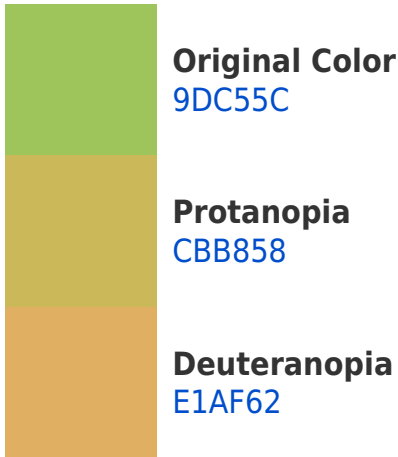


This preview shows how white text looks on a background with the Hex color 9DC55C.

# 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](#).

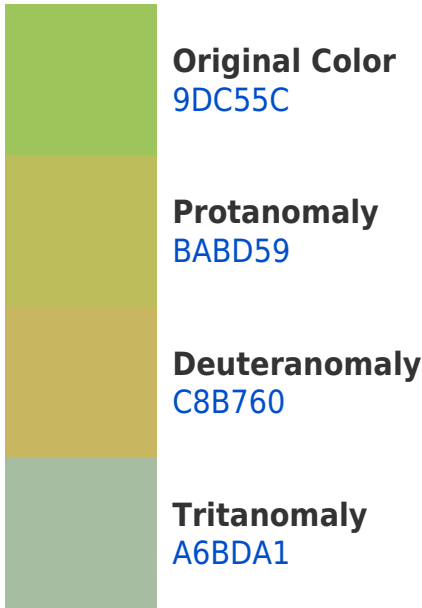
## Dichromacy



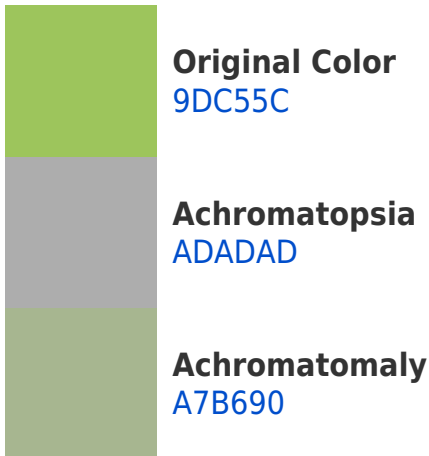


**Tritanopia**  
ABB9C8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9DC55C 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 #9DC55C looks like.

```
.text, #text, p{  
    color:#9DC55C  
}
```

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 #9DC55C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DC55C
}
```

## Border

The CSS property to change the border of an element to Hex 9DC55C 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
#9DC55C }
```

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

```
.border{ border-color:#9DC55C }
```

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

Here you see how a box with a 4 pixel #9DC55C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DC55C; -webkit-box-shadow:4px 4px  
4px 4px #9DC55C; box-shadow:4px 4px 4px  
4px #9DC55C }
```

# Background

The CSS property to change the background color of an element to Hex 9DC55C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DC55C }
```

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

```
.background{ background-color:#9DC55C }
```

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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