

# Converting Colors

Hex(99D573)

Have a look what the booklet for  
Hex(99D573) contains.

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**Color**

**Hex(99D573)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	99D573
RGB	153, 213, 115
RGB Percent	60%, 84%, 45%
CMY	0.4000, 0.1647, 0.5490
CMYK	0.28, 0.00, 0.46, 0.16
HSL	97°, 54%, 64%
HSV	97°, 46%, 84%
XYZ	40.0256, 55.5986, 24.8417
YIQ	183.8880, -4.3020, -43.1980

# Conversions

## Conversions Part 2

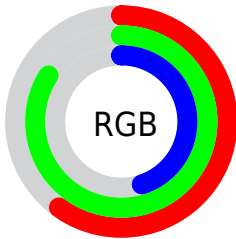
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">115, 213, 175</a>
Decimal	<a href="#">10081651</a>
CIELab	<a href="#">79.38, -36.37, 42.25</a>
CIELCh	<a href="#">79, 55.744, 130.722</a>
Yxy	<a href="#">55.5986, 0.3323, 0.4615</a>
Android (android.graphics.Color)	<a href="#">4288271731 (0xFF99D573)</a>
YUV	<a href="#">183.8880, -33.9618, -27.0888</a>
Hunter-Lab	<a href="#">74.5645, -34.6704, 32.4422</a>

# Details

The Hex color **99D573** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **AF73D5**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **D1FFA9**, and **639E40** is the 20% darker color. If you saturate the color by 10%, you get **8CD55E**, and if you desaturate by 10%, it is **A6D588**.

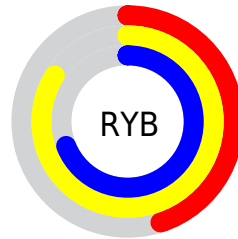
# Distribution



Red (60%)

Green (84%)

Blue (45%)



Red (45%)

Yellow (84%)

Blue (69%)

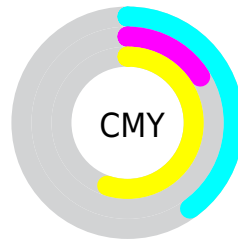


Cyan (28%)

Magenta (0%)

Yellow (46%)

Black (16%)



Cyan (40%)

Magenta (16%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99D573 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 99D573 by changing the saturation by 10% instead.





99D573



99D573

FFFFFF



7EB959



D1FFA9



639E40



EEFFC4



488427



FFFFE1



2D6A0A

FFFFFFE



0E5100



003A00



002500



000000



99D573



99D573

 8CD55E

 A6D588

 7FD548

 B3D59E

 72D533

 C0D5B3

 65D51E

 CDD5C8

 58D509

 DAD5DE

 53D500

 E7D5F3

 F4D5FF

 FFD5FF

# Harmonies

## Analogous

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



D2C85B



99D573



4BDDA1

# Triad

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



99D573



00D3FF



FF99B4

# Complementary

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



99D573



AF73D5

# 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.



FF9EE8



99D573



8FC4FF

# Square

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



99D573



00DCFF



E1B0FF



FFA383

# Rectangle

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



99D573



00DFC4



E1B0FF



FF99C5

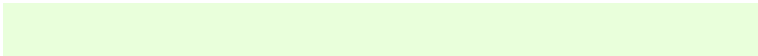


# Sweetspot

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



99D573



E9FFDB



D5AE73



72806A



000000



808080

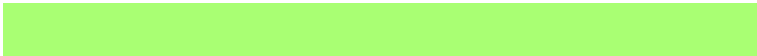


# Same Dimension

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



99D573



A9FF73



73D57D



656B60



42AB00



112B00



# Inverse Universe

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



AF73D5



C973FF



D573CB



67606B



6900AB



1B002B



# Previews

## White Background



This preview shows how the Hex color 99D573 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 99D573 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 99D573 Background



This preview shows how black text looks on a background with the Hex color 99D573.

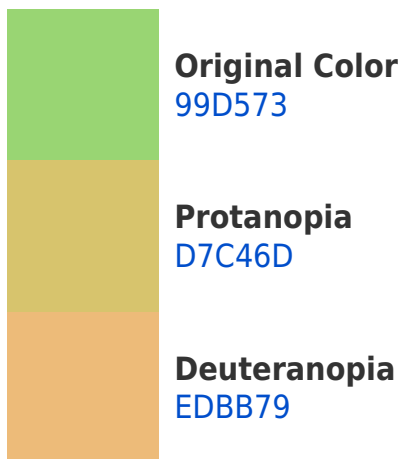


This preview shows how white text looks on a background with the Hex color 99D573.

# 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](#).

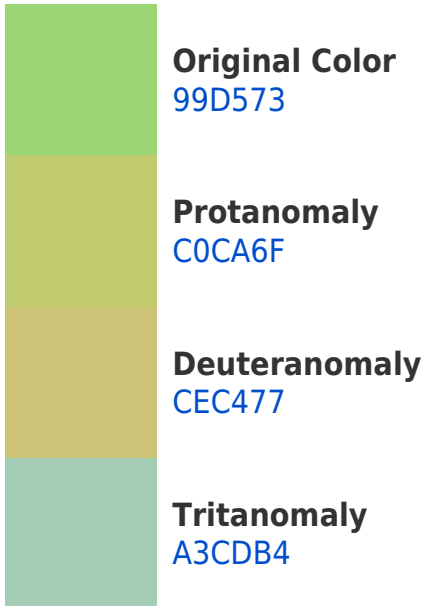
## Dichromacy



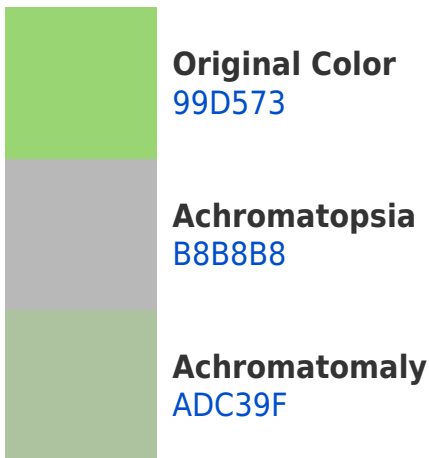


**Tritanopia**  
A9C9D9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99D573 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 #99D573 looks like.

```
.text, #text, p{  
    color:#99D573  
}
```

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 #99D573 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99D573
}
```

## Border

The CSS property to change the border of an element to Hex 99D573 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
#99D573 }
```

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

```
.border{ border-color:#99D573 }
```

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

Here you see how a box with a 4 pixel #99D573 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99D573; -webkit-box-shadow:4px 4px  
4px 4px #99D573; box-shadow:4px 4px 4px  
4px #99D573 }
```

# Background

The CSS property to change the background color of an element to Hex 99D573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99D573 }
```

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

```
.background{ background-color:#99D573 }
```

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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