

Converting Colors

Hex(9DC663)

Have a look what the booklet for
Hex(9DC663) contains.

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Color

Hex(9DC663)

Conversions

Conversions Part 1

Format	Color
Hex	9DC663
RGB	157, 198, 99
RGB Percent	62%, 78%, 39%
CMY	0.3843, 0.2235, 0.6118
CMYK	0.21, 0.00, 0.50, 0.22
HSL	85°, 46%, 58%
HSV	85°, 50%, 78%
XYZ	36.3508, 48.4571, 19.2416
YIQ	174.4550, 7.3430, -39.4810

Conversions

Conversions Part 2

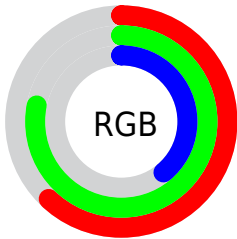
Format	Color
RYB	99, 198, 140
Decimal	10339939
CIELab	75.11, -29.79, 44.86
CIELCh	75, 53.848, 123.590
Yxy	48.4571, 0.3494, 0.4657
Android (android.graphics.Color)	4288530019 (0xFF9DC663)
YUV	174.4550, -37.1993, -15.3080
Hunter-Lab	69.6111, -28.6071, 32.3391

Details

The Hex color **9DC663** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **8C63C6**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **D5FF98**, and **679030** is the 20% darker color. If you saturate the color by 10%, you get **95C64F**, and if you desaturate by 10%, it is **A5C677**.

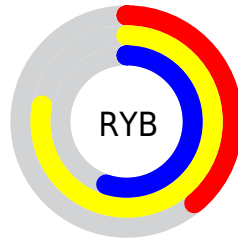
Distribution



Red (62%)

Green (78%)

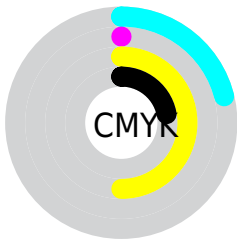
Blue (39%)



Red (39%)

Yellow (78%)

Blue (55%)

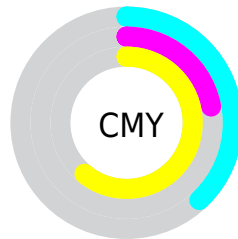


Cyan (21%)

Magenta (0%)

Yellow (50%)

Black (22%)



Cyan (38%)

Magenta (22%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DC663 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 9DC663 by changing the saturation by 10% instead.

 9DC663

 9DC663

FFFFFF

 82AB49

 D5FF98

 679030

 F2FFB3

 4D7615

 FFFFCF

 335D00

 FFFFEC

 1A4500

 002E00

 001A00

 000000

 9DC663

 9DC663

95C64F

A5C677

8DC63B

ADC68B

84C628

B6C69E

7CC614

BEC6B2

74C600

C6C6C6

CEC6DA

D6C6EE

DFC6FF

E7C6FF

Harmonies

Analogous

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



D1B852



9DC663



5ACF8B

Triad

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



9DC663



00CAFF



FF8FB5

Complementary

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



9DC663



8C63C6

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.



FB97E6



9DC663



6CBCFF

Square

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



9DC663



00D1EE



C4AAFF



FF9685

Rectangle

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



9DC663



00D1AC



C4AAFF



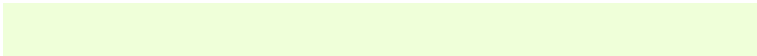
FF90C6

Sweetspot

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



9DC663



EFFFD9



C68B63



768069



000000



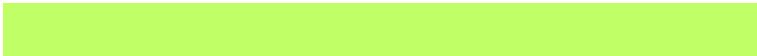
808080

Same Dimension

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



9DC663



C0FF66



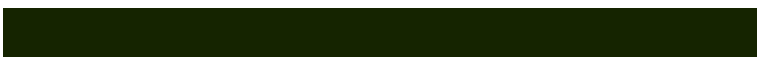
6DC663



5F635A



60A300



152400

Inverse Universe

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



8C63C6



A566FF



BC63C6



5E5A63



4400A3



0F0024

Previews

White Background



This preview shows how the Hex color 9DC663 looks on a white background.

Color Contrast Check

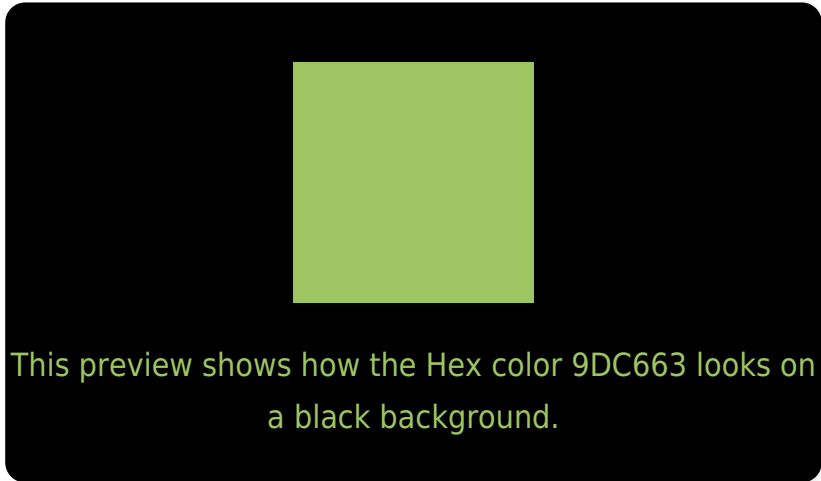
Large Text (above 18pt) WCAG AA × Fail

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 9DC663 Background



This preview shows how black text looks on a background with the Hex color 9DC663.

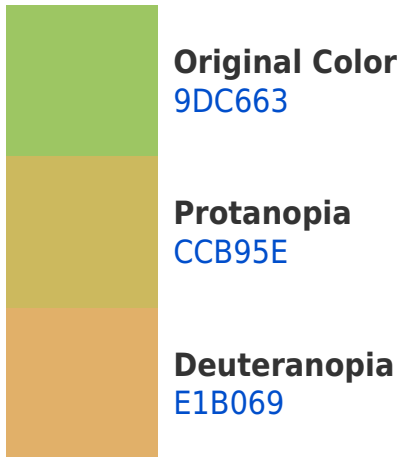


This preview shows how white text looks on a background with the Hex color 9DC663.

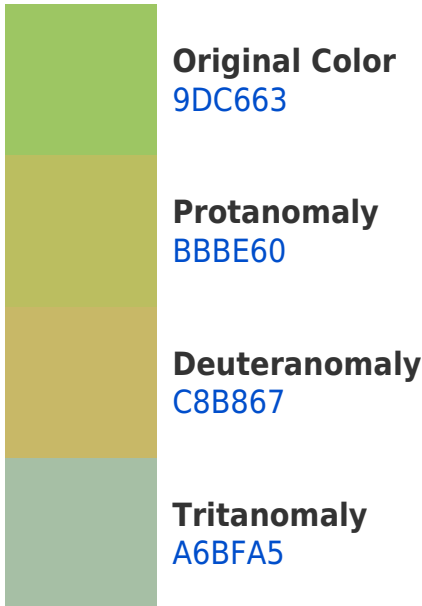
Color Blindness Simulation

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 9DC663 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 #9DC663 looks like.

```
.text, #text, p{  
    color:#9DC663  
}
```

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 #9DC663 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DC663
}
```

Border

The CSS property to change the border of an element to Hex 9DC663 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
#9DC663 }
```

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

```
.border{ border-color:#9DC663 }
```

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

Here you see how a box with a 4 pixel #9DC663 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DC663; -webkit-box-shadow:4px 4px  
4px 4px #9DC663; box-shadow:4px 4px 4px  
4px #9DC663 }
```

Background

The CSS property to change the background color of an element to Hex 9DC663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DC663 }
```

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

```
.background{ background-color:#9DC663 }
```

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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