

Converting Colors

Hex(9DC16B)

Have a look what the booklet for
Hex(9DC16B) contains.

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Color

Hex(9DC16B)

Conversions

Conversions Part 1

Format	Color
Hex	9DC16B
RGB	157, 193, 107
RGB Percent	62%, 76%, 42%
CMY	0.3843, 0.2431, 0.5804
CMYK	0.19, 0.00, 0.45, 0.24
HSL	85°, 41%, 59%
HSV	85°, 45%, 76%
XYZ	35.6284, 46.3696, 20.9823
YIQ	172.4320, 6.1500, -34.3780

Conversions

Conversions Part 2

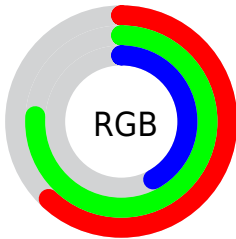
Format	Color
RYB	107, 193, 143
Decimal	10338667
CIELab	73.78, -26.49, 39.28
CIELCh	74, 47.377, 123.994
Yxy	46.3696, 0.3460, 0.4503
Android (android.graphics.Color)	4288528747 (0xFF9DC16B)
YUV	172.4320, -32.2580, -13.5339
Hunter-Lab	68.0952, -25.7727, 29.3975

Details

The Hex color **9DC16B** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **8F6BC1**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **D5FAA0**, and **688B39** is the 20% darker color. If you saturate the color by 10%, you get **95C158**, and if you desaturate by 10%, it is **A5C17E**.

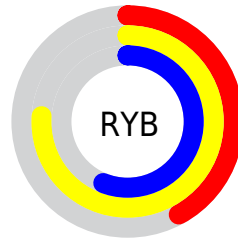
Distribution



Red (62%)

Green (76%)

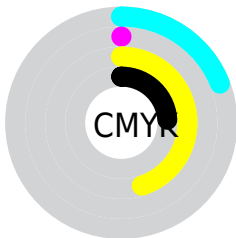
Blue (42%)



Red (42%)

Yellow (76%)

Blue (56%)

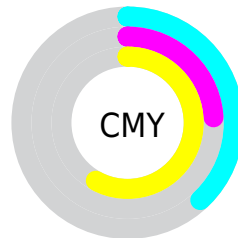


Cyan (19%)

Magenta (0%)

Yellow (45%)

Black (24%)



Cyan (38%)

Magenta (24%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DC16B 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 9DC16B by changing the saturation by 10% instead.

 9DC16B

 9DC16B

FFFFFF

 82A652

 D5FAA0

 688B39

 F2FFBB

 4E7220

 FFFFD7

 355904

 FFFFF4

 1D4100

 002B00

 001600

 000000

 9DC16B

 9DC16B

 95C158

 A5C17E

 8DC144

 ADC192

 85C131

 B5C1A5

 7DC11E

 BDC1B8

 75C10B

 C5C1CB

 70C100

 CDC1DF

 D6C1F2

 DEC1FF

 E6C1FF

Harmonies

Analogous

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



CBB55D



9DC16B



65C98E

Triad

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



9DC16B



00C4FF



FF92B1

Complementary

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



9DC16B



8F6BC1

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.



F099DC



9DC16B



79B8FF

Square

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



9DC16B



00CAE5



C1A8FE



FF9787

Rectangle

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



9DC16B



2DCBAB



C1A8FE



FF93C0

Sweetspot

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



9DC16B



ECFAD9



C18F6B



757D69



FCFCFC



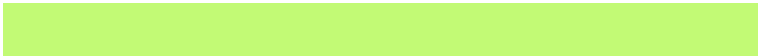
7D7D7D

Same Dimension

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



9DC16B



C2FA75



72C16B



5D6157



5DA100



132100

Inverse Universe

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



8F6BC1



AD75FA



BA6BC1



5B5761



4300A1



0E0021

Previews

White Background



This preview shows how the Hex color 9DC16B looks on a white background.

Color Contrast Check

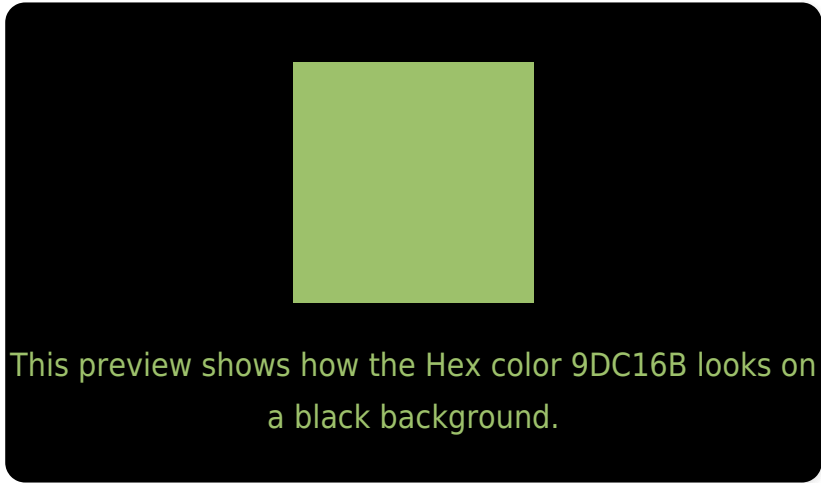
Large Text (above 18pt) WCAG AA × Fail

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 9DC16B Background



This preview shows how black text looks on a background with the Hex color 9DC16B.

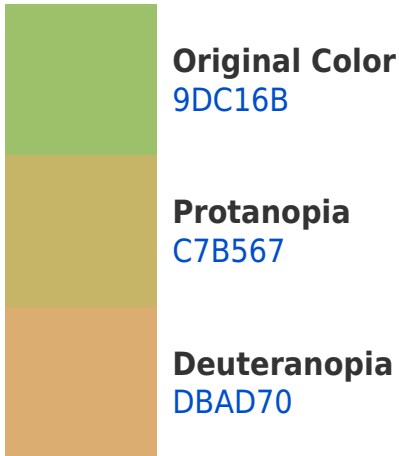


This preview shows how white text looks on a background with the Hex color 9DC16B.

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](#).

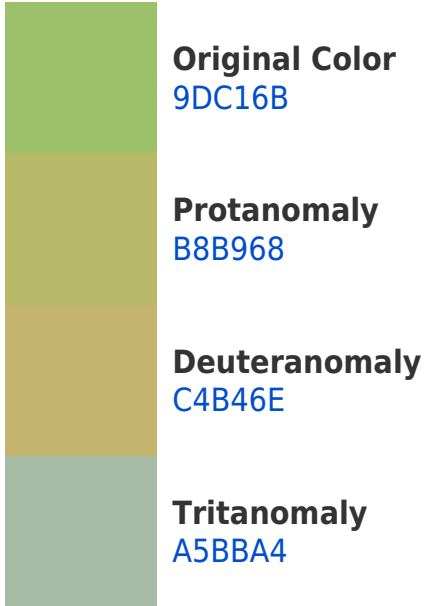
Dichromacy



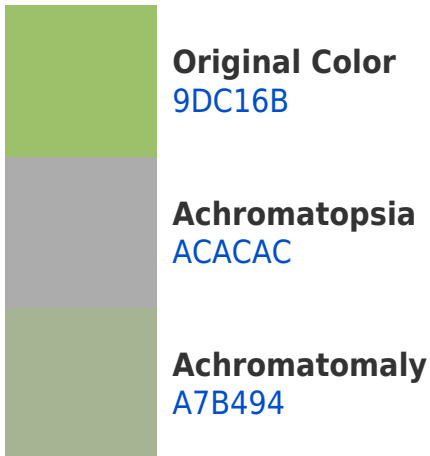


Tritanopia
A9B7C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9DC16B 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 #9DC16B looks like.

```
.text, #text, p{  
    color:#9DC16B  
}
```

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 #9DC16B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DC16B
}
```

Border

The CSS property to change the border of an element to Hex 9DC16B 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
#9DC16B }
```

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

```
.border{ border-color:#9DC16B }
```

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

Here you see how a box with a 4 pixel #9DC16B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DC16B; -webkit-box-shadow:4px 4px  
4px 4px #9DC16B; box-shadow:4px 4px 4px  
4px #9DC16B }
```

Background

The CSS property to change the background color of an element to Hex 9DC16B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DC16B }
```

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

```
.background{ background-color:#9DC16B }
```

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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