

Converting Colors

Hex(9DCE72)

Have a look what the booklet for
Hex(9DCE72) contains.

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Color

Hex(9DCE72)

Conversions

Conversions Part 1

Format	Color
Hex	9DCE72
RGB	157, 206, 114
RGB Percent	62%, 81%, 45%
CMY	0.3843, 0.1922, 0.5529
CMYK	0.24, 0.00, 0.45, 0.19
HSL	92°, 48%, 63%
HSV	92°, 45%, 81%
XYZ	39.0132, 52.5256, 24.0018
YIQ	180.8610, 0.3280, -39.0000

Conversions

Conversions Part 2

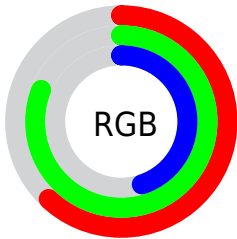
Format	Color
RYB	114, 206, 163
Decimal	10342002
CIELab	77.59, -31.84, 40.55
CIELCh	78, 51.556, 128.133
Yxy	52.5256, 0.3377, 0.4546
Android (android.graphics.Color)	4288532082 (0xFF9DCE72)
YUV	180.8610, -32.9625, -20.9261
Hunter-Lab	72.4746, -30.7436, 31.0968

Details

The Hex color **9DCE72** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **A372CE**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **D5FFA7**, and **67973F** is the 20% darker color. If you saturate the color by 10%, you get **92CE5D**, and if you desaturate by 10%, it is **A8CE87**.

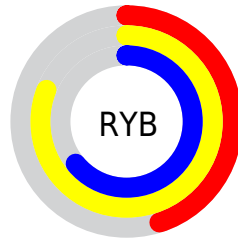
Distribution



Red (62%)

Green (81%)

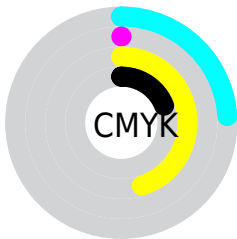
Blue (45%)



Red (45%)

Yellow (81%)

Blue (64%)

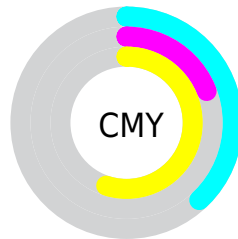


Cyan (24%)

Magenta (0%)

Yellow (45%)

Black (19%)



Cyan (38%)

Magenta (19%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DCE72 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 9DCE72 by changing the saturation by 10% instead.

 9DCE72

 9DCE72

FFFFFF

 82B258

 D5FFA7

 67973F

 F2FFC3

 4D7D27

 FFFFDF

 33640B

 FFFFFC

 194C00

 003400

 002100

 000000

 9DCE72

 9DCE72

 92CE5D

 A8CE87

 87CE49

 B3CE9B

 7CCE34

 BECEB0

 71CE20

 C9CEC4

 66CE0B

 D4CED9

 60CE00

 DFCEEE

 EACEFF

 F5CEFF

 FFCEFF

Harmonies

Analogous

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



D0C15E



9DCE72



5BD69A

Triad

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



9DCE72



00CEFF



FF98B4

Complementary

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



9DCE72



A372CE

Split Complementary

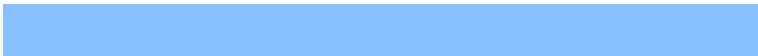
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF9EE4



9DCE72



89C0FF

Square

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



9DCE72



00D6F9



D5AEFF



FFA087

Rectangle

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



9DCE72



00D8BB



D5AEFF



FF98C5

Sweetspot

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



9DCE72



EDFFDE



CEA272



75806B



000000



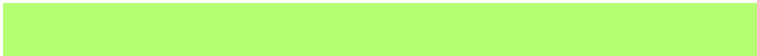
808080

Same Dimension

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



9DCE72



B6FF75



72CE74



61665C



4DA600



122600

Inverse Universe

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



A372CE



BF75FF



CE72CC



615C66



5800A6



140026

Previews

White Background



This preview shows how the Hex color 9DCE72 looks on a white background.

Color Contrast Check

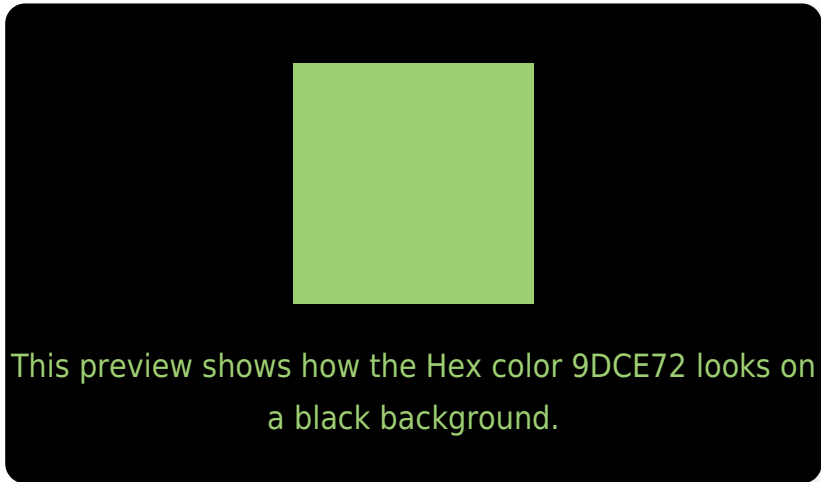
Large Text (above 18pt) WCAG AA × Fail

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 9DCE72 Background



This preview shows how black text looks on a background with the Hex color 9DCE72.

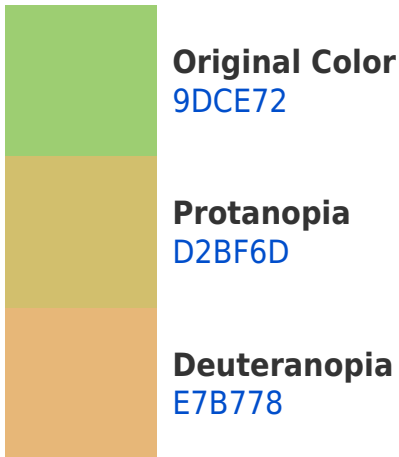


This preview shows how white text looks on a background with the Hex color 9DCE72.

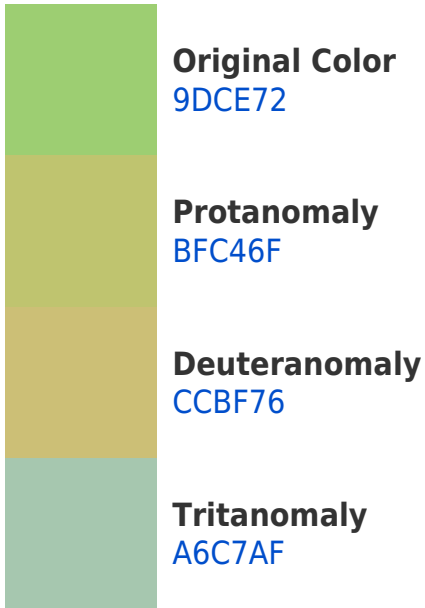
Color Blindness Simulation

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](#).

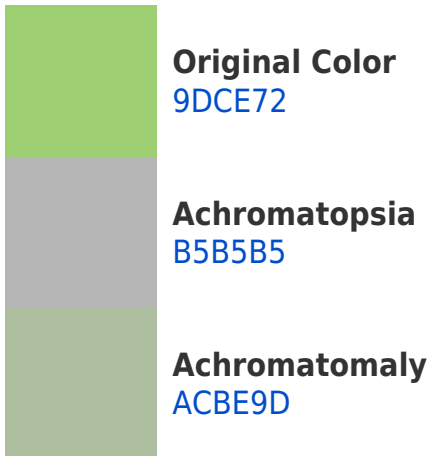
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9DCE72 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 #9DCE72 looks like.

```
.text, #text, p{  
    color:#9DCE72  
}
```

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 #9DCE72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DCE72
}
```

Border

The CSS property to change the border of an element to Hex 9DCE72 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
#9DCE72 }
```

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

```
.border{ border-color:#9DCE72 }
```

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

Here you see how a box with a 4 pixel #9DCE72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DCE72; -webkit-box-shadow:4px 4px  
4px 4px #9DCE72; box-shadow:4px 4px 4px  
4px #9DCE72 }
```

Background

The CSS property to change the background color of an element to Hex 9DCE72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DCE72 }
```

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

```
.background{ background-color:#9DCE72 }
```

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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