

# Converting Colors

Hex(9DD06E)

Have a look what the booklet for  
Hex(9DD06E) contains.

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**Color**

**Hex(9DD06E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9DD06E
RGB	157, 208, 110
RGB Percent	62%, 82%, 43%
CMY	0.3843, 0.1843, 0.5686
CMYK	0.25, 0.00, 0.47, 0.18
HSL	91°, 51%, 62%
HSV	91°, 47%, 82%
XYZ	39.2750, 53.4056, 22.9902
YIQ	181.5790, 1.0620, -41.2900

# Conversions

## Conversions Part 2

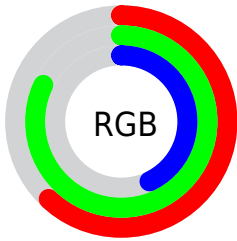
Format	Color
<a href="#">RYB</a>	<a href="#">110, 208, 161</a>
Decimal	<a href="#">10342510</a>
CIELab	<a href="#">78.11, -33.25, 43.17</a>
CIELCh	<a href="#">78, 54.489, 127.600</a>
Yxy	<a href="#">53.4056, 0.3395, 0.4617</a>
Android (android.graphics.Color)	<a href="#">4288532590 (0xFF9DD06E)</a>
YUV	<a href="#">181.5790, -35.2884, -21.5558</a>
Hunter-Lab	<a href="#">73.0792, -31.9572, 32.5032</a>

# Details

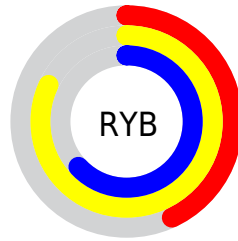
The Hex color **9DD06E** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **A16ED0**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **D5FFA3**, and **67993B** is the 20% darker color. If you saturate the color by 10%, you get **92D059**, and if you desaturate by 10%, it is **A8D083**.

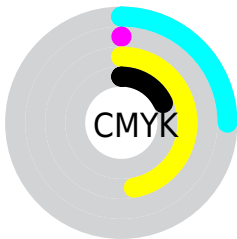
# Distribution



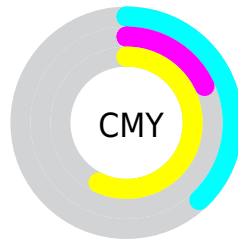
- Red (62%)
- Green (82%)
- Blue (43%)



- Red (43%)
- Yellow (82%)
- Blue (63%)



- Cyan (25%)
- Magenta (0%)
- Yellow (47%)
- Black (18%)



- Cyan (38%)
- Magenta (18%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9DD06E 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 9DD06E by changing the saturation by 10% instead.



 9DD06E

 9DD06E

FFFFFF

 82B454

 D5FFA3

 67993B

 F2FFBF

 4D7F22

 FFFFDB

 336603

 FFFFF8

 174D00

 003600

 002300

 000000

 9DD06E

 9DD06E

 92D059

 A8D083

 87D044

 B3D098

 7DD030

 BDD0AC

 72D01B

 C8D0C1

 67D006

 D3D0D6

 64D000

 DED0EB

 E9D0FF

 F4D0FF

 FED0FF

# Harmonies

## Analogous

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



D3C359



9DD06E



55D899

# Triad

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



9DD06E



00D1FF



FF97B6

# Complementary

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



9DD06E



A16ED0

# 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.



FF9DE9



9DD06E



83C2FF

# Square

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



9DD06E



00D9FD



D6AFFF



FF9F86

# Rectangle

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



9DD06E



00DBBB



D6AFFF



FF97C7



# Sweetspot

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



9DD06E



ECFFDB



D0A16E



74806A



000000



808080

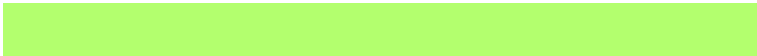


# Same Dimension

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



9DD06E



B3FF6E



6ED070



63695E



51A800



142900



# Inverse Universe

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



A16ED0



B96EFF



D06ECE



645E69



5800A8



150029



# Previews

## White Background



This preview shows how the Hex color 9DD06E looks on a white background.

## Color Contrast Check

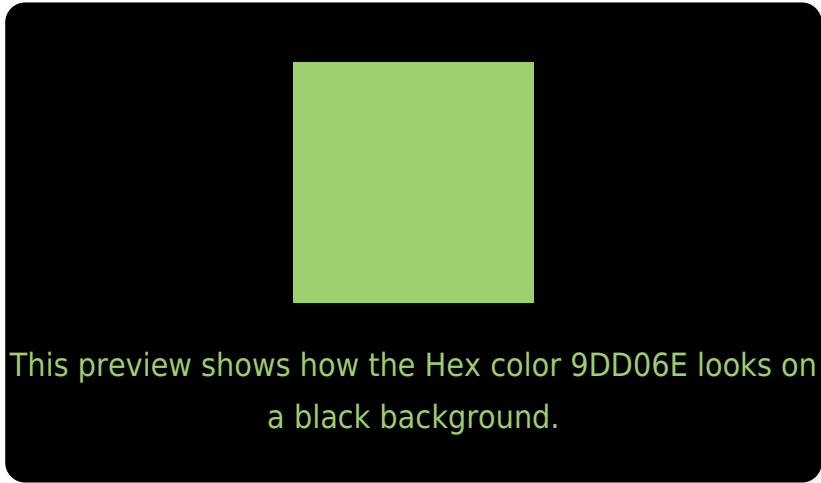
Large Text (above 18pt) WCAG AA × Fail

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 9DD06E Background



This preview shows how black text looks on a background with the Hex color 9DD06E.

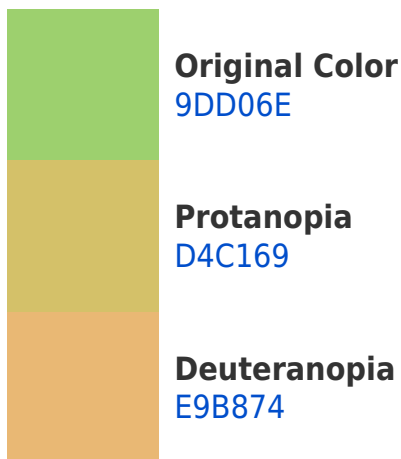


This preview shows how white text looks on a background with the Hex color 9DD06E.

# 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



**Original Color**  
9DD06E



**Protanomaly**  
C0C66B



**Deuteranomaly**  
CDC172



**Tritanomaly**  
A7C8AF

# Monochromacy



**Original Color**  
9DD06E



**Achromatopsia**  
B6B6B6



**Achromatomaly**  
ADB99C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9DD06E 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 #9DD06E looks like.

```
.text, #text, p{  
    color:#9DD06E  
}
```

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 #9DD06E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DD06E
}
```

## Border

The CSS property to change the border of an element to Hex 9DD06E 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
#9DD06E }
```

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

```
.border{ border-color:#9DD06E }
```

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

Here you see how a box with a 4 pixel #9DD06E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DD06E; -webkit-box-shadow:4px 4px  
4px 4px #9DD06E; box-shadow:4px 4px 4px  
4px #9DD06E }
```

# Background

The CSS property to change the background color of an element to Hex 9DD06E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DD06E }
```

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

```
.background{ background-color:#9DD06E }
```

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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