

# Converting Colors

Hex(9FDE66)

Have a look what the booklet for  
Hex(9FDE66) contains.

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# **Color**

**Hex(9FDE66)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9FDE66
RGB	159, 222, 102
RGB Percent	62%, 87%, 40%
CMY	0.3765, 0.1294, 0.6000
CMYK	0.28, 0.00, 0.54, 0.13
HSL	92°, 65%, 64%
HSV	92°, 54%, 87%
XYZ	42.8176, 60.5728, 22.0054
YIQ	189.4830, 0.9720, -50.6760

# Conversions

## Conversions Part 2

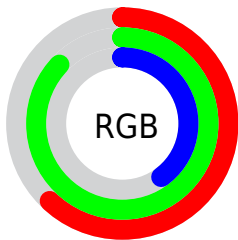
Format	Color
<a href="#">RYB</a>	<a href="#">102, 222, 165</a>
Decimal	<a href="#">10477158</a>
CIELab	<a href="#">82.15, -39.76, 51.85</a>
CIElCh	<a href="#">82, 65.342, 127.481</a>
Yxy	<a href="#">60.5728, 0.3415, 0.4831</a>
Android (android.graphics.Color)	<a href="#">4288667238 (0xFF9FDE66)</a>
YUV	<a href="#">189.4830, -43.1291, -26.7336</a>
Hunter-Lab	<a href="#">77.8285, -37.9975, 37.7162</a>

# Details

The Hex color **9FDE66** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **A566DE**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **D8FF9C**, and **68A631** is the 20% darker color. If you saturate the color by 10%, you get **93DE50**, and if you desaturate by 10%, it is **ABDE7C**.

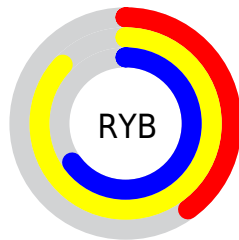
# Distribution



Red (62%)

Green (87%)

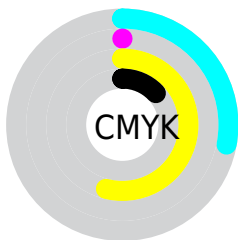
Blue (40%)



Red (40%)

Yellow (87%)

Blue (65%)

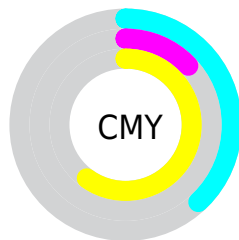


Cyan (28%)

Magenta (0%)

Yellow (54%)

Black (13%)



Cyan (38%)

Magenta (13%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9FDE66 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 9FDE66 by changing the saturation by 10% instead.



 9FDE66

 9FDE66

FFFFFF

 83C24C

 D8FF9C

 68A631

 F6FFB8

 4C8C12

 FFFFD4

 307200

 FFFFF1

 105900

 004100

 002B00

 000E00

 000000

 9FDE66

 9FDE66

 93DE50

 ABDE7C

 88DE3A

 B6DE92

 7CDE23

 C2DEA9

 70DE0D

 CEDEBF

 69DE00

 D9DED5

 E5DEEB

 F1DEFF

 FCDEFF

 FFDEFF

# Harmonies

## Analogous

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



E0CE4B



9FDE66



39E79B

# Triad

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



9FDE66



00DFFF



FF96BF

# Complementary

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



9FDE66



A566DE

# 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.



FF9FFD



9FDE66



76CEFF

# Square

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



9FDE66



00E9FF



E4B6FF



FFA285

# Rectangle

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



9FDE66



00EAC5



E4B6FF



FF96D4



# Sweetspot

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



9FDE66



EAFD6



DEA466



738067



000000



808080



# Same Dimension

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



9FDE66



A8FF59



66DE68



6A7065



54B000



173000



# Inverse Universe

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



A566DE



B059FF



DE66DC



6B6570



5C00B0



190030



# Previews

## White Background



This preview shows how the Hex color 9FDE66 looks on a white background.

## Color Contrast Check

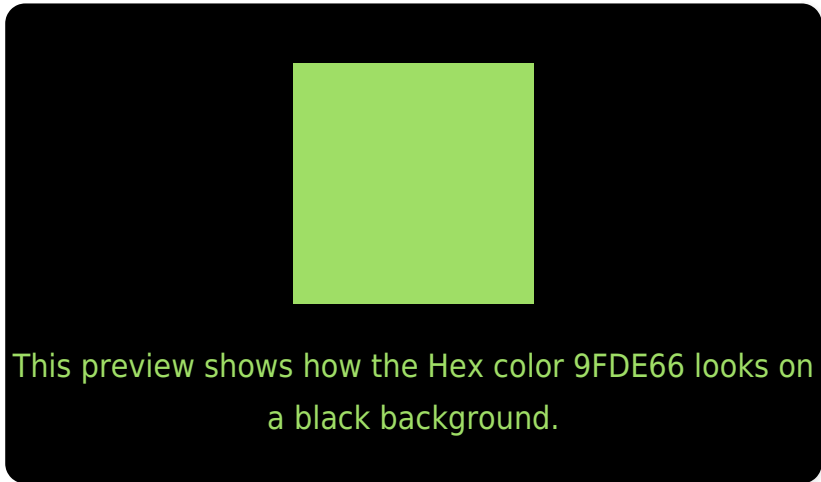
Large Text (above 18pt) WCAG AA × Fail

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 9FDE66 Background



This preview shows how black text looks on a background with the Hex color 9FDE66.

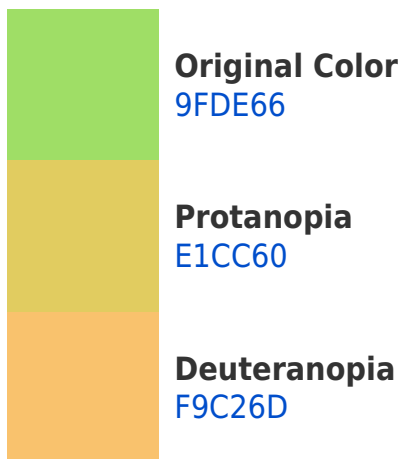


This preview shows how white text looks on a background with the Hex color 9FDE66.

# 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](#).

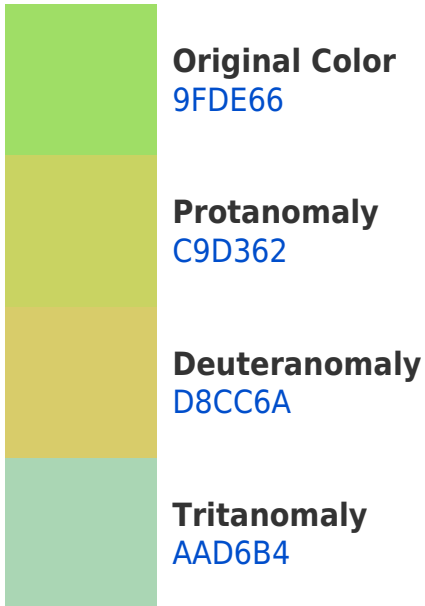
## Dichromacy



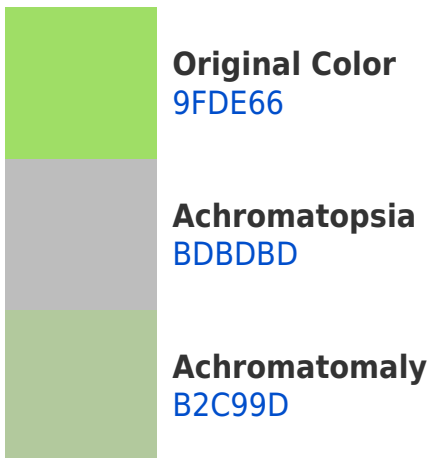


**Tritanopia**  
B1D1E1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9FDE66 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 #9FDE66 looks like.

```
.text, #text, p{  
    color:#9FDE66  
}
```

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 #9FDE66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FDE66
}
```

## Border

The CSS property to change the border of an element to Hex 9FDE66 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
#9FDE66 }
```

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

```
.border{ border-color:#9FDE66 }
```

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

Here you see how a box with a 4 pixel #9FDE66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FDE66; -webkit-box-shadow:4px 4px  
4px 4px #9FDE66; box-shadow:4px 4px 4px  
4px #9FDE66 }
```

# Background

The CSS property to change the background color of an element to Hex 9FDE66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FDE66 }
```

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

```
.background{ background-color:#9FDE66 }
```

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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