

Converting Colors

Hex(9FDD65)

Have a look what the booklet for
Hex(9FDD65) contains.

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Color

Hex(9FDD65)

Conversions

Conversions Part 1

Format	Color
Hex	9FDD65
RGB	159, 221, 101
RGB Percent	62%, 87%, 40%
CMY	0.3765, 0.1333, 0.6039
CMYK	0.28, 0.00, 0.54, 0.13
HSL	91°, 64%, 63%
HSV	91°, 54%, 87%
XYZ	42.5035, 60.0234, 21.6574
YIQ	188.7820, 1.5680, -50.4640

Conversions

Conversions Part 2

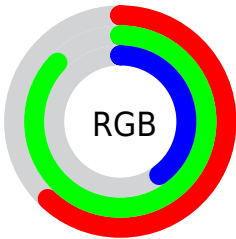
Format	Color
RYB	101, 221, 163
Decimal	10476901
CIELab	81.85, -39.42, 51.96
CIELCh	82, 65.221, 127.184
Yxy	60.0234, 0.3423, 0.4833
Android (android.graphics.Color)	4288666981 (0xFF9FDD65)
YUV	188.7820, -43.2765, -26.1188
Hunter-Lab	77.4748, -37.6539, 37.6583

Details

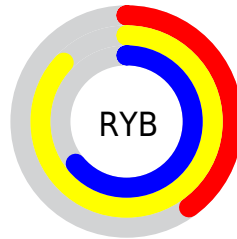
The Hex color **9FDD65** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **A365DD**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **D8FF9B**, and **68A630** is the 20% darker color. If you saturate the color by 10%, you get **94DD4F**, and if you desaturate by 10%, it is **AADD7B**.

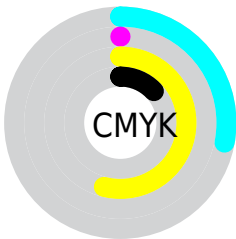
Distribution



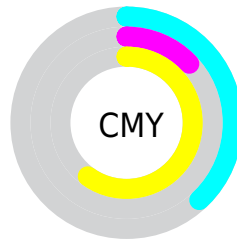
- Red (62%)
- Green (87%)
- Blue (40%)



- Red (40%)
- Yellow (87%)
- Blue (64%)



- Cyan (28%)
- Magenta (0%)
- Yellow (54%)
- Black (13%)



- Cyan (38%)
- Magenta (13%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9FDD65 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 9FDD65 by changing the saturation by 10% instead.

 9FDD65

 9FDD65

FFFFFF

 83C14B

 D8FF9B

 68A630


 F6FFB7

 4C8B11

 FFFFD3

 307100

 FFFFF0

 115800

 004000

 002A00

 000C00

 000000

 9FDD65

 9FDD65

 94DD4F

 AADD7B

 88DD39

 B6DD91

 7DDD23

 C1DDA7

 71DD0D

 CDDDBD

 6BDD00

 D8DDD3

 E4DDEA

 EFDDFF

 FADDDFF

 FFDDFF

Harmonies

Analogous

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



E0CD4A



9FDD65



3AE69A

Triad

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



9FDD65



00DFFF



FF95BF

Complementary

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



9FDD65



A365DD

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.



FF9EFC



9FDD65



73CDFF

Square

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



9FDD65



00E8FF



E3B5FF



FFA185

Rectangle

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



9FDD65



00E9C4



E3B5FF



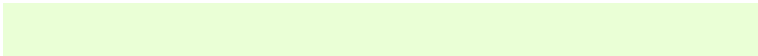
FF96D4

Sweetspot

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



9FDD65



EAFD6



DDA365



738067



000000



808080

Same Dimension

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



9FDD65



A9FF59



65DD67



686E63



54AD00



162E00

Inverse Universe

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



A365DD



AF59FF



DD65DB



68636E



5A00AD



18002E

Previews

White Background



This preview shows how the Hex color 9FDD65 looks on a white background.

Color Contrast Check

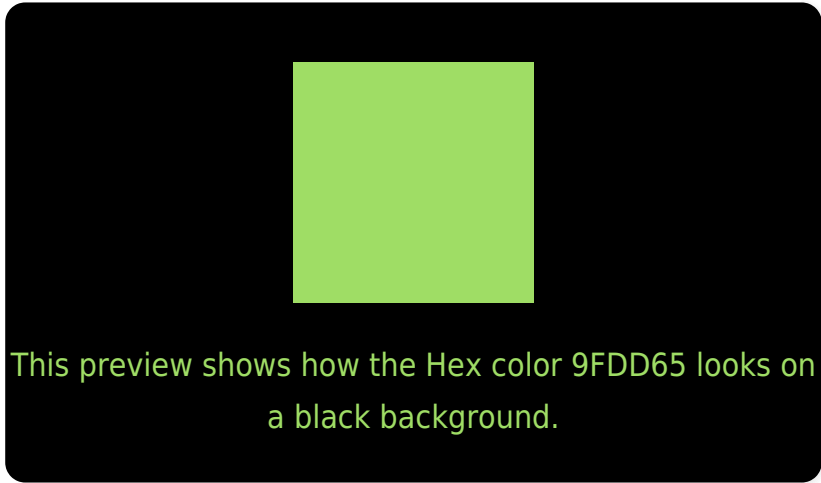
Large Text (above 18pt) WCAG AA × Fail

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 9FDD65 Background



This preview shows how black text looks on a background with the Hex color 9FDD65.

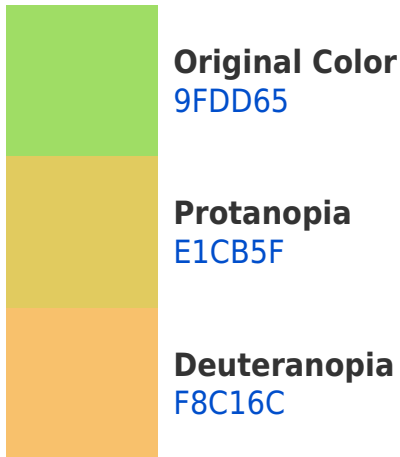


This preview shows how white text looks on a background with the Hex color 9FDD65.

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
B1D0E0

Trichromacy



Original Color
9FDD65



Protanomaly
C9D261



Deuteranomaly
D8CB69



Tritanomaly
AAD5B3

Monochromacy



Original Color
9FDD65



Achromatopsia
BDBDBD



Achromatomaly
B2C99D

CSS Examples

Text

The CSS property to change the color of the text to Hex 9FDD65 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 #9FDD65 looks like.

```
.text, #text, p{  
    color:#9FDD65  
}
```

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 #9FDD65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FDD65
}
```

Border

The CSS property to change the border of an element to Hex 9FDD65 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
#9FDD65 }
```

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

```
.border{ border-color:#9FDD65 }
```

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

Here you see how a box with a 4 pixel #9FDD65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FDD65; -webkit-box-shadow:4px 4px  
4px 4px #9FDD65; box-shadow:4px 4px 4px  
4px #9FDD65 }
```

Background

The CSS property to change the background color of an element to Hex 9FDD65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FDD65 }
```

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

```
.background{ background-color:#9FDD65 }
```

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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