

Converting Colors

Hex(9CF56D)

Have a look what the booklet for
Hex(9CF56D) contains.

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Color

Hex(9CF56D)

Conversions

Conversions Part 1

Format	Color
Hex	9CF56D
RGB	156, 245, 109
RGB Percent	61%, 96%, 43%
CMY	0.3882, 0.0392, 0.5725
CMYK	0.36, 0.00, 0.56, 0.04
HSL	99°, 87%, 69%
HSV	99°, 56%, 96%
XYZ	49.1230, 73.4769, 26.0614
YIQ	202.8850, -9.3880, -61.1640

Conversions

Conversions Part 2

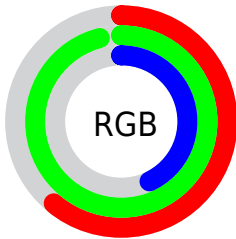
Format	Color
RYB	109, 245, 198
Decimal	10286445
CIELab	88.67, -49.93, 56.30
CIELCh	89, 75.248, 131.571
Yxy	73.4769, 0.3304, 0.4943
Android (android.graphics.Color)	4288476525 (0xFF9CF56D)
YUV	202.8850, -46.2853, -41.1181
Hunter-Lab	85.7186, -47.7141, 41.9769

Details

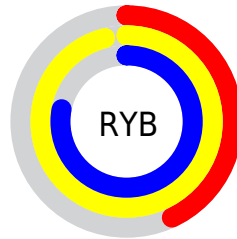
The Hex color **9CF56D** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **C66DF5**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **D6FFA4**, and **63BC37** is the 20% darker color. If you saturate the color by 10%, you get **8CF554**, and if you desaturate by 10%, it is **ACF585**.

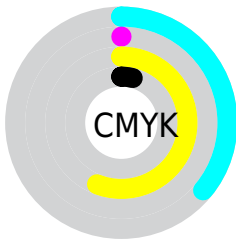
Distribution



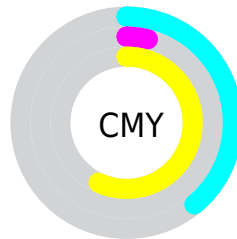
- Red (61%)
- Green (96%)
- Blue (43%)



- Red (43%)
- Yellow (96%)
- Blue (78%)



- Cyan (36%)
- Magenta (0%)
- Yellow (56%)
- Black (4%)



- Cyan (39%)
- Magenta (4%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CF56D 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 9CF56D by changing the saturation by 10% instead.

 9CF56D

 9CF56D

FFFFFF

 7FD852

 D6FFA4

 63BC37

 F4FFC0

 45A117

 FFFFDD

 248600

 FFFFFA

 006C00

 005300

 003A00

 002400

 000000

 9CF56D

 9CF56D

 8CF554

 ACF585

 7CF53C

 BCF59E

 6CF523

 CCF5B6

 5CF50B

 DCF5CF

 55F500

 ECF5E7

 FCF5FF

 FFF5FF

Harmonies

Analogous

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



EBE445



9CF56D



00FFAF

Triad

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



9CF56D



00F3FF



FF9DC6

Complementary

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



9CF56D



C66DF5

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.



FFA5FF



9CF56D



8ADDFE

Square

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



9CF56D



00FEFF



FFC0FF



FFAF83

Rectangle

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



9CF56D



00FFE0



FFC0FF



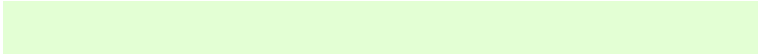
FF9DDE

Sweetspot

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



9CF56D



E3FFD4



F5C56D



6F8066



000000



808080

Same Dimension

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



9CF56D



8FFF54



6DF581



727A6E



40BA00



143B00

Inverse Universe

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



C66DF5



C454FF



F56DE1



766E7A



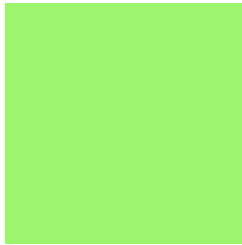
7A00BA



26003B

Previews

White Background



This preview shows how the Hex color 9CF56D 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



This preview shows how the Hex color 9CF56D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

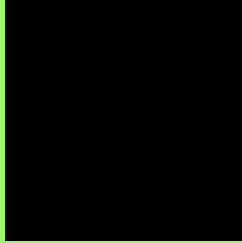
Any Text WCAG AA ✓ Pass

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 9CF56D Background



This preview shows how black text looks on a background with the Hex color 9CF56D.

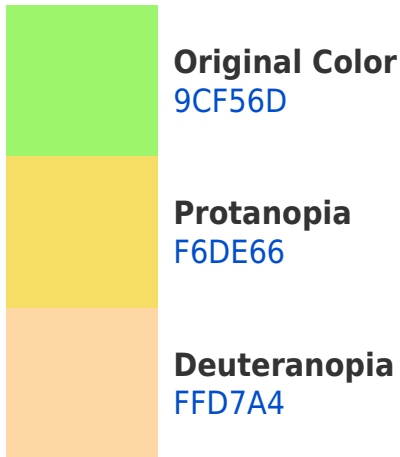


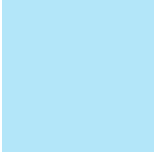
This preview shows how white text looks on a background with the Hex color 9CF56D.

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



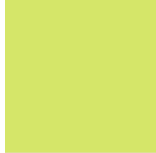


Tritanopia
B3E6F9

Trichromacy



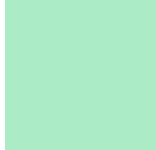
Original Color
9CF56D



Protanomaly
D5E669



Deuteranomaly
DBE290

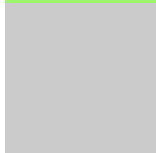


Tritanomaly
ABEBC6

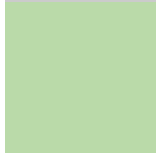
Monochromacy



Original Color
9CF56D



Achromatopsia
CBCBCB



Achromatomaly
BADAA9

CSS Examples

Text

The CSS property to change the color of the text to Hex 9CF56D 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 #9CF56D looks like.

```
.text, #text, p{  
    color:#9CF56D  
}
```

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 #9CF56D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CF56D
}
```

Border

The CSS property to change the border of an element to Hex 9CF56D 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
#9CF56D }
```

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

```
.border{ border-color:#9CF56D }
```

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

Here you see how a box with a 4 pixel #9CF56D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CF56D; -webkit-box-shadow:4px 4px  
4px 4px #9CF56D; box-shadow:4px 4px 4px  
4px #9CF56D }
```

Background

The CSS property to change the background color of an element to Hex 9CF56D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CF56D }
```

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

```
.background{ background-color:#9CF56D }
```

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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