

Converting Colors

Hex(9DE76B)

Have a look what the booklet for
Hex(9DE76B) contains.

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Color

Hex(9DE76B)

Conversions

Conversions Part 1

Format	Color
Hex	9DE76B
RGB	157, 231, 107
RGB Percent	62%, 91%, 42%
CMY	0.3843, 0.0941, 0.5804
CMYK	0.32, 0.00, 0.54, 0.09
HSL	96°, 72%, 66%
HSV	96°, 54%, 91%
XYZ	45.1344, 65.3815, 24.1510
YIQ	194.7380, -4.3000, -54.2520

Conversions

Conversions Part 2

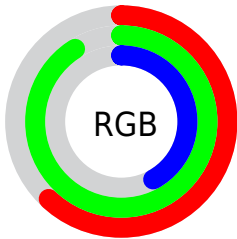
Format	Color
RYB	107, 231, 181
Decimal	10348395
CIELab	84.68, -43.88, 52.52
CIELCh	85, 68.438, 129.878
Yxy	65.3815, 0.3352, 0.4855
Android (android.graphics.Color)	4288538475 (0xFF9DE76B)
YUV	194.7380, -43.2548, -33.0962
Hunter-Lab	80.8588, -41.8664, 38.8924

Details

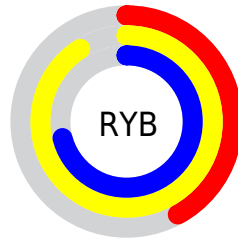
The Hex color **9DE76B** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **B56BE7**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **D7FFA1**, and **65AF36** is the 20% darker color. If you saturate the color by 10%, you get **8FE754**, and if you desaturate by 10%, it is **ABE782**.

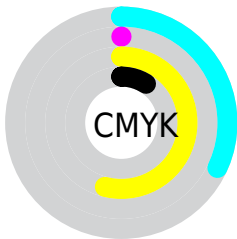
Distribution



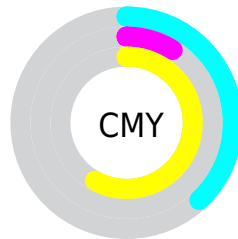
- Red (62%)
- Green (91%)
- Blue (42%)



- Red (42%)
- Yellow (91%)
- Blue (71%)



- Cyan (32%)
- Magenta (0%)
- Yellow (54%)
- Black (9%)



- Cyan (38%)
- Magenta (9%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DE76B 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 9DE76B by changing the saturation by 10% instead.

 9DE76B

 9DE76B

FFFFFF

 81CB51

 D7FFA1

 65AF36

 F4FFBD

 499418

 FFFFDA

 2B7A00

 FFFFF7

 016000

 004800

 003000

 001900

 000000

 9DE76B

 9DE76B

 8FE754

 ABE782

 81E73D

 B9E799

 74E726

 C6E7B0

 66E70F

 D4E7C7

 5DE700

 E2E7DF

 F0E7F6

 FDE7FF

 FFE7FF

Harmonies

Analogous

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



E3D74B



9DE76B



1BF0A5

Triad

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



9DE76B



00E6FF



FF9AC0

Complementary

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



9DE76B



B56BE7

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.



FFA1FF



9DE76B



83D3FF

Square

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



9DE76B



00F1FF



F3B9FF



FFA884

Rectangle

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



9DE76B



00F3D1



F3B9FF



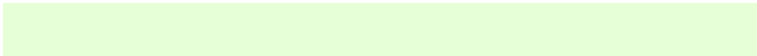
FF9AD6

Sweetspot

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



9DE76B



E7FFD6



E7B36B



718067



000000



808080

Same Dimension

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



9DE76B



9EFF5C



6BE775



6C7367



48B300



153300

Inverse Universe

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



B56BE7



BD5CFF



E76BDD



6E6773



6B00B3



1E0033

Previews

White Background



This preview shows how the Hex color 9DE76B 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 9DE76B 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 9DE76B Background



This preview shows how black text looks on a background with the Hex color 9DE76B.

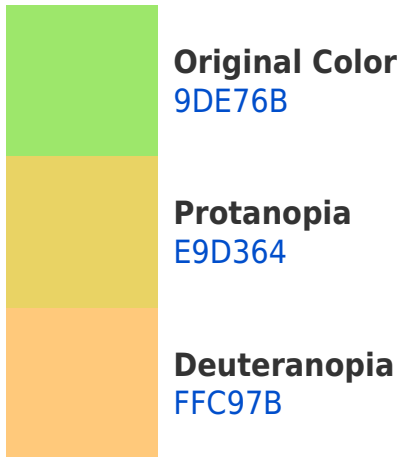


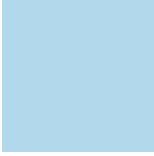
This preview shows how white text looks on a background with the Hex color 9DE76B.

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
B1D9EB

Trichromacy



Original Color
9DE76B



Protanomaly
CDDA67



Deuteranomaly
DBD475



Tritanomaly
AADEBC

Monochromacy



Original Color
9DE76B



Achromatopsia
C3C3C3



Achromatomaly
B5D0A3

CSS Examples

Text

The CSS property to change the color of the text to Hex 9DE76B 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 #9DE76B looks like.

```
.text, #text, p{  
    color:#9DE76B  
}
```

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 #9DE76B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DE76B
}
```

Border

The CSS property to change the border of an element to Hex 9DE76B 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
#9DE76B }
```

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

```
.border{ border-color:#9DE76B }
```

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

Here you see how a box with a 4 pixel #9DE76B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DE76B; -webkit-box-shadow:4px 4px  
4px 4px #9DE76B; box-shadow:4px 4px 4px  
4px #9DE76B }
```

Background

The CSS property to change the background color of an element to Hex 9DE76B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DE76B }
```

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

```
.background{ background-color:#9DE76B }
```

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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