

Converting Colors

Hex(9DEF45)

Have a look what the booklet for
Hex(9DEF45) contains.

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Color

Hex(9DEF45)

Conversions

Conversions Part 1

Format	Color
Hex	9DEF45
RGB	157, 239, 69
RGB Percent	62%, 94%, 27%
CMY	0.3843, 0.0627, 0.7294
CMYK	0.34, 0.00, 0.71, 0.06
HSL	89°, 84%, 60%
HSV	89°, 71%, 94%
XYZ	45.8453, 69.3308, 16.5961
YIQ	195.1020, 5.6980, -70.2540

Conversions

Conversions Part 2

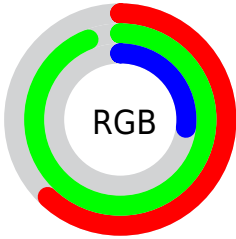
Format	Color
RYB	69, 239, 151
Decimal	10350405
CIELab	86.67, -50.41, 70.18
CIELCh	87, 86.407, 125.690
Yxy	69.3308, 0.3479, 0.5261
Android (android.graphics.Color)	4288540485 (0xFF9DEF45)
YUV	195.1020, -62.1683, -33.4155
Hunter-Lab	83.2651, -47.4328, 46.4681

Details

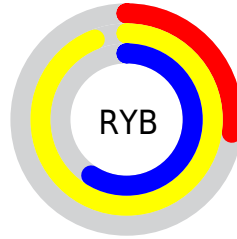
The Hex color **9DEF45** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **9745EF**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **D8FF7F**, and **62B600** is the 20% darker color. If you saturate the color by 10%, you get **91EF2D**, and if you desaturate by 10%, it is **A9EF5D**.

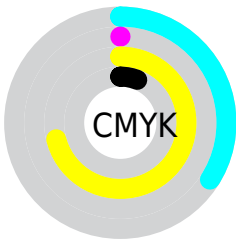
Distribution



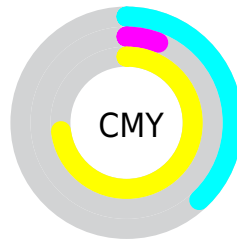
- Red (62%)
- Green (94%)
- Blue (27%)



- Red (27%)
- Yellow (94%)
- Blue (59%)



- Cyan (34%)
- Magenta (0%)
- Yellow (71%)
- Black (6%)



- Cyan (38%)
- Magenta (6%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DEF45 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 9DEF45 by changing the saturation by 10% instead.

 9DEF45

FFFFFF

 D8FF7F

 F6FF9B

 FFFFB8

 FFFFD5

 FFFFF2

 9DEF45

 80D224

 62B600

 449B00

 218100

 006700

 004E00

 003600

 001F00

 000000

 9DEF45

 9DEF45

 91EF2D

 A9EF5D

 86EF15

 B4EF75

 7CEF00

 C0EF8D

 CBEFA5

 D7EFBC

 E2EFD4

 EEEFEC

 F9EFFF

 FFEFFF

Harmonies

Analogous

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



F3DA06



9DEF45



00FB92

Triad

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



9DEF45



00F3FF



FF86CD

Complementary

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



9DEF45



9745EF

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.



FF97FF



9DEF45



00DEFF

Square

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



9DEF45



00DFF



EFBCFF



FF997E

Rectangle

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



9DEF45



00FECA



EFBCFF



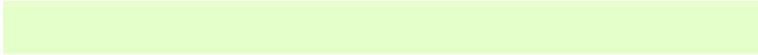
FF88E8

Sweetspot

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



9DEF45



E5FFC9



EF9445



708060



000000



808080

Same Dimension

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



9DEF45



96FF26



4BEF45



72786C



5FB800



1D3800

Inverse Universe

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



9745EF



8F26FF



E945EF



726C78



5900B8



1B0038

Previews

White Background



This preview shows how the Hex color 9DEF45 looks on a white background.

Color Contrast Check

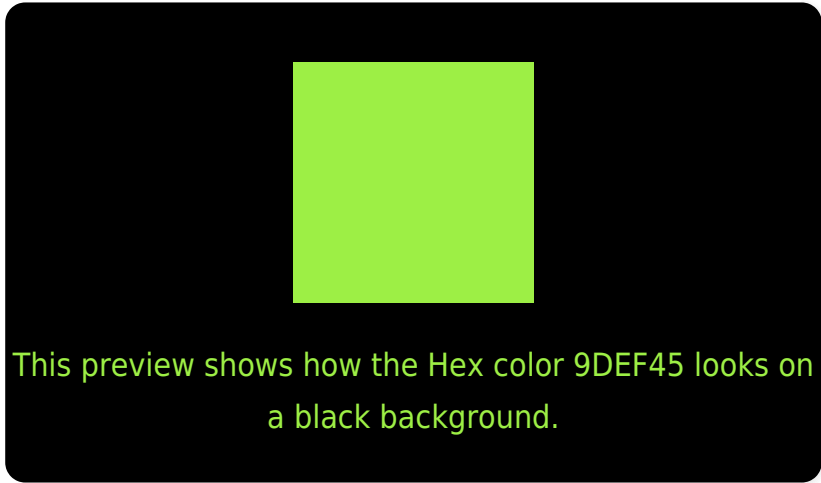
Large Text (above 18pt) WCAG AA × Fail

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 9DEF45 Background



This preview shows how black text looks on a background with the Hex color 9DEF45.

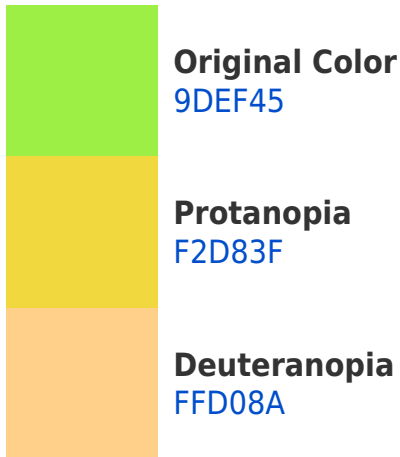


This preview shows how white text looks on a background with the Hex color 9DEF45.

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



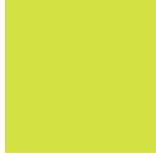


Tritanopia
B4DFF1

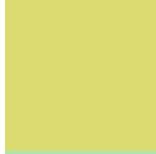
Trichromacy



Original Color
9DEF45



Protanomaly
D3E041



Deuteranomaly
DBDB71

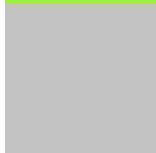


Tritanomaly
ACE5B2

Monochromacy



Original Color
9DEF45



Achromatopsia
C3C3C3



Achromatomaly
B5D395

CSS Examples

Text

The CSS property to change the color of the text to Hex 9DEF45 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 #9DEF45 looks like.

```
.text, #text, p{  
    color:#9DEF45  
}
```

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 #9DEF45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DEF45
}
```

Border

The CSS property to change the border of an element to Hex 9DEF45 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
#9DEF45 }
```

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

```
.border{ border-color:#9DEF45 }
```

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

Here you see how a box with a 4 pixel #9DEF45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DEF45; -webkit-box-shadow:4px 4px  
4px 4px #9DEF45; box-shadow:4px 4px 4px  
4px #9DEF45 }
```

Background

The CSS property to change the background color of an element to Hex 9DEF45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DEF45 }
```

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

```
.background{ background-color:#9DEF45 }
```

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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