

Converting Colors

Hex(9DED12)

Have a look what the booklet for
Hex(9DED12) contains.

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Color

Hex(9DED12)

Conversions

Conversions Part 1

Format	Color
Hex	9DED12
RGB	157, 237, 18
RGB Percent	62%, 93%, 7%
CMY	0.3843, 0.0706, 0.9294
CMYK	0.34, 0.00, 0.92, 0.07
HSL	82°, 86%, 50%
HSV	82°, 92%, 93%
XYZ	44.2980, 67.7801, 11.3204
YIQ	188.1140, 22.6190, -85.0690

Conversions

Conversions Part 2

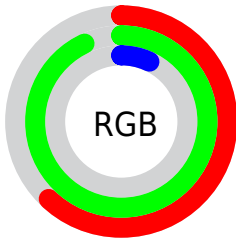
Format	Color
RYB	18, 237, 98
Decimal	10349842
CIELab	85.90, -51.55, 81.64
CIELCh	86, 96.552, 122.269
Yxy	67.7801, 0.3590, 0.5493
Android (android.graphics.Color)	4288539922 (0xFF9DED12)
YUV	188.1140, -83.8662, -27.2870
Hunter-Lab	82.3287, -48.0310, 49.4776

Details

The Hex color **9DED12** is a dark color, and the websafe version is hex **99FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **6212ED**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **D9FF5F**, and **61B500** is the 20% darker color. If you saturate the color by 10%, you get **96ED00**, and if you desaturate by 10%, it is **A6ED2A**.

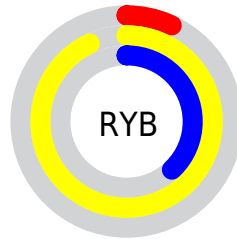
Distribution



Red (62%)

Green (93%)

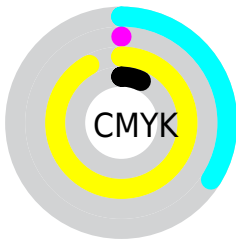
Blue (7%)



Red (7%)

Yellow (93%)

Blue (38%)

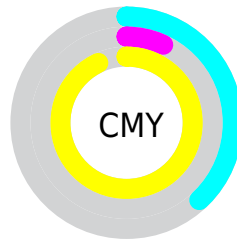


Cyan (34%)

Magenta (0%)

Yellow (92%)

Black (7%)



Cyan (38%)

Magenta (7%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DED12 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 9DED12 by changing the saturation by 10% instead.

 9DED12

 9DED12

FFFFFF

 7FD000

 D9FF5F

 61B500

 F8FF7D

 429900

 FFFF9A

 1D7F00

 FFFFB8

 006500

 FFFFD5

 004C00

 FFFFF3

 003500

 001D00

 000000

 9DED12

 9DED12

 96ED00

 A6ED2A

 AEED41

 B7ED59

 C0ED71

 C8ED88

 D1EDA0

 DAEDB8

 E2EDD0

 EBEDE7

Harmonies

Analogous

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



FAD500



9DED12



00FA7C

Triad

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



9DED12



00F6FF



FF72D4

Complementary

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



9DED12



6212ED

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.



FF8DFF



9DED12



00E0FF

Square

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



9DED12



00FFFF



DCBBFF



FF877B

Rectangle

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



9DED12



00FFBB



DCBBFF



FF76F3

Sweetspot

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



9DED12



E5FFB8



ED5F12



708054



000000



808080

Same Dimension

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



9DED12



A2FF00



33ED12



71756A



73B500



223600

Inverse Universe

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



6212ED



5D00FF



CC12ED



6E6A75



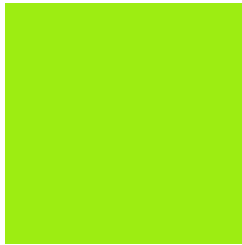
4200B5



140036

Previews

White Background



This preview shows how the Hex color 9DED12 looks on a white background.

Color Contrast Check

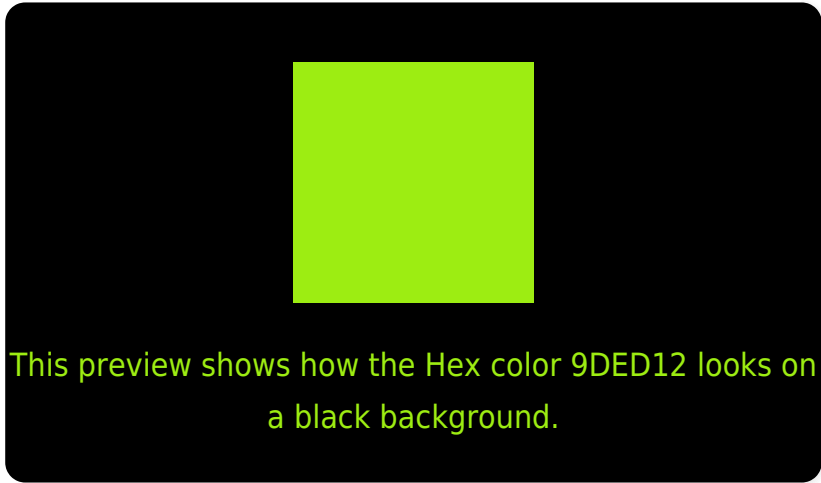
Large Text (above 18pt) WCAG AA × Fail

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 9DED12 Background



This preview shows how black text looks on a background with the Hex color 9DED12.

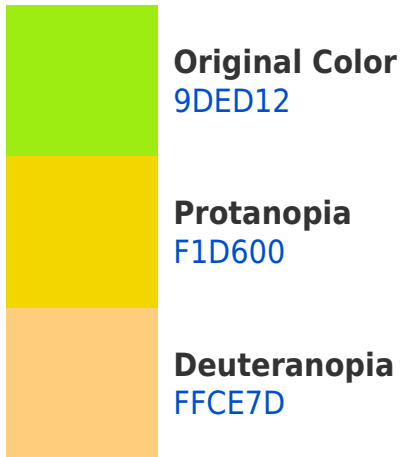


This preview shows how white text looks on a background with the Hex color 9DED12.

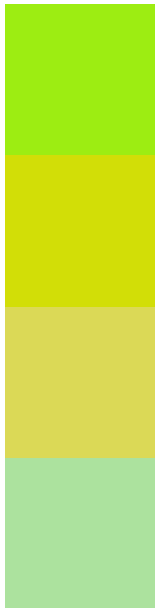
Color Blindness Simulation

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



Trichromacy



Original Color
9DED12

Protanomaly
D2DE07

Deuteranomaly
DBD956

Tritanomaly
ACE29E

Monochromacy



Original Color
9DED12

Achromatopsia
BCBCBC

Achromatomaly
B1CE7E

CSS Examples

Text

The CSS property to change the color of the text to Hex 9DED12 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 #9DED12 looks like.

```
.text, #text, p{  
    color:#9DED12  
}
```

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 #9DED12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DED12
}
```

Border

The CSS property to change the border of an element to Hex 9DED12 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
#9DED12 }
```

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

```
.border{ border-color:#9DED12 }
```

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

Here you see how a box with a 4 pixel #9DED12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DED12; -webkit-box-shadow:4px 4px  
4px 4px #9DED12; box-shadow:4px 4px 4px  
4px #9DED12 }
```

Background

The CSS property to change the background color of an element to Hex 9DED12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DED12 }
```

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

```
.background{ background-color:#9DED12 }
```

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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