

Converting Colors

Hex(9EC858)

Have a look what the booklet for
Hex(9EC858) contains.

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Color

Hex(9EC858)

Conversions

Conversions Part 1

Format	Color
Hex	9EC858
RGB	158, 200, 88
RGB Percent	62%, 78%, 35%
CMY	0.3804, 0.2157, 0.6549
CMYK	0.21, 0.00, 0.56, 0.22
HSL	82°, 50%, 56%
HSV	82°, 56%, 78%
XYZ	36.5163, 49.2822, 16.8203
YIQ	174.6740, 10.9200, -43.7360

Conversions

Conversions Part 2

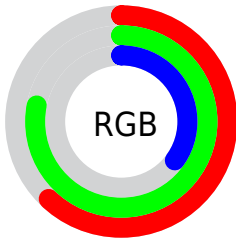
Format	Color
RYB	88, 200, 130
Decimal	10405976
CIELab	75.63, -31.46, 50.66
CIELCh	76, 59.635, 121.837
Yxy	49.2822, 0.3558, 0.4802
Android (android.graphics.Color)	4288596056 (0xFF9EC858)
YUV	174.6740, -42.7303, -14.6231
Hunter-Lab	70.2013, -30.0028, 34.9349

Details

The Hex color **9EC858** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **8258C8**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **D7FF8D**, and **689223** is the 20% darker color. If you saturate the color by 10%, you get **97C844**, and if you desaturate by 10%, it is **A6C86C**.

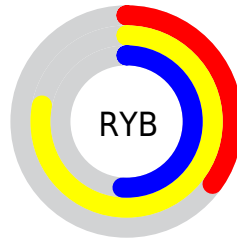
Distribution



Red (62%)

Green (78%)

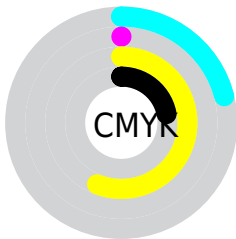
Blue (35%)



Red (35%)

Yellow (78%)

Blue (51%)

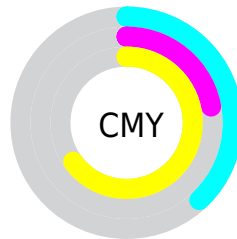


Cyan (21%)

Magenta (0%)

Yellow (56%)

Black (22%)



Cyan (38%)

Magenta (22%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9EC858 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 9EC858 by changing the saturation by 10% instead.

 9EC858

 9EC858

FFFFFF

 83AD3E

 D7FF8D

 689223

 F4FFA9

 4D7800

 FFFFC5

 335F00

 FFFFE1

 174700

FFFFFFE

 003000

 001C00

 000000

 9EC858

 9EC858

 97C844

 A6C86C

 8FC830

 ADC880

 88C81C

 B5C894

 80C808

 BCC8A8

 7DC800

 C4C8BC

 CBC8D0

 D3C8E4

 DAC8F8

 E2C8FF

Harmonies

Analogous

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



D6B947



9EC858



51D284

Triad

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



9EC858



00CDFE



FF8AB9

Complementary

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



9EC858



8258C8

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.



FF95EF



9EC858



52BFFF

Square

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



9EC858



00D5F3



C2AAFF



FF9183

Rectangle

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



9EC858



00D5A9



C2AAFF



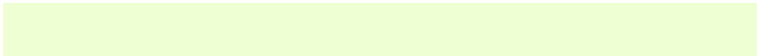
FF8CCC

Sweetspot

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



9EC858



EFFFD4



C88158



768066



000000



808080

Same Dimension

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



9EC858



BFFF54



67C858



60635A



66A300



162400

Inverse Universe

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



8258C8



9454FF



B958C8



5D5A63



3D00A3



0D0024

Previews

White Background



This preview shows how the Hex color 9EC858 looks on a white background.

Color Contrast Check

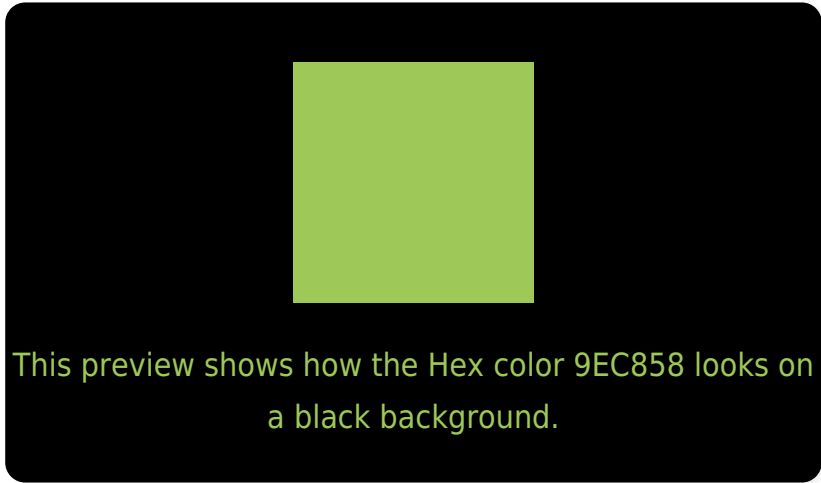
Large Text (above 18pt) WCAG AA × Fail

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 9EC858 Background



This preview shows how black text looks on a background with the Hex color 9EC858.

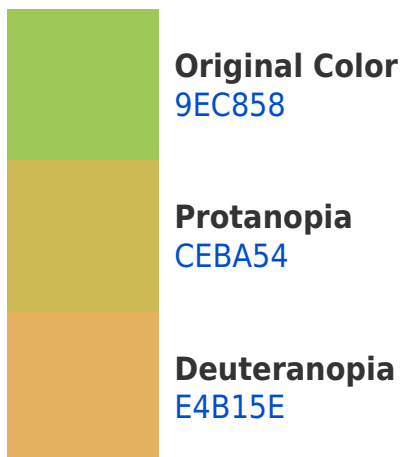


This preview shows how white text looks on a background with the Hex color 9EC858.

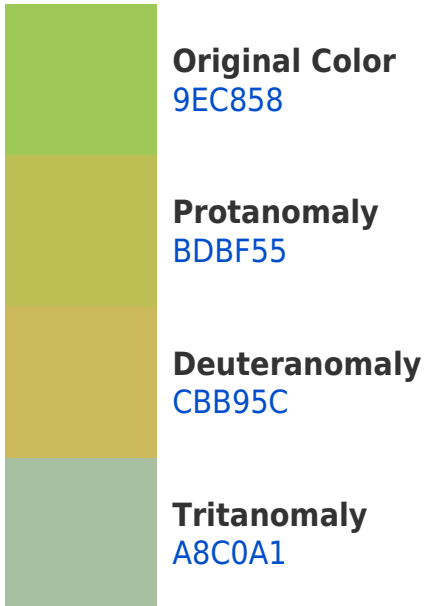
Color Blindness Simulation

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](#).

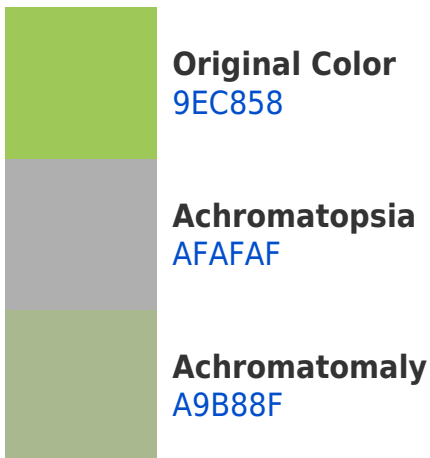
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9EC858 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 #9EC858 looks like.

```
.text, #text, p{  
    color:#9EC858  
}
```

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 #9EC858 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EC858  
}
```

Border

The CSS property to change the border of an element to Hex 9EC858 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  
#9EC858 }
```

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

```
.border{ border-color:#9EC858 }
```

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

Here you see how a box with a 4 pixel #9EC858 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EC858; -webkit-box-shadow:4px 4px  
4px 4px #9EC858; box-shadow:4px 4px 4px  
4px #9EC858 }
```

Background

The CSS property to change the background color of an element to Hex 9EC858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EC858 }
```

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

```
.background{ background-color:#9EC858 }
```

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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