

Converting Colors

Hex(9EAF6D)

Have a look what the booklet for
Hex(9EAF6D) contains.

Hex(9EAF6D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9EAF6D)

Conversions

Conversions Part 1

Format	Color
Hex	9EAF6D
RGB	158, 175, 109
RGB Percent	62%, 69%, 43%
CMY	0.3804, 0.3137, 0.5725
CMYK	0.10, 0.00, 0.38, 0.31
HSL	75°, 29%, 56%
HSV	75°, 38%, 69%
XYZ	32.1908, 39.0332, 20.3055
YIQ	162.3930, 11.0540, -24.1300

Conversions

Conversions Part 2

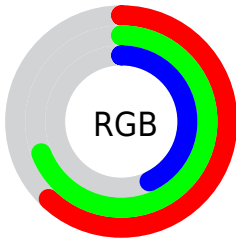
Format	Color
RYB	109, 175, 126
Decimal	10399597
CIELab	68.78, -16.89, 31.90
CIELCh	69, 36.092, 117.894
Yxy	39.0332, 0.3517, 0.4265
Android (android.graphics.Color)	4288589677 (0xFF9EAF6D)
YUV	162.3930, -26.3227, -3.8527
Hunter-Lab	62.4765, -17.3624, 24.4637

Details

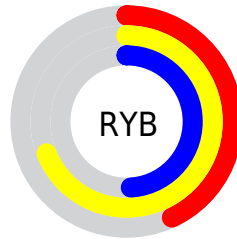
The Hex color **9EAF6D** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7E6DAF**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **D5E7A1**, and **697B3C** is the 20% darker color. If you saturate the color by 10%, you get **99AF5C**, and if you desaturate by 10%, it is **A3AF7F**.

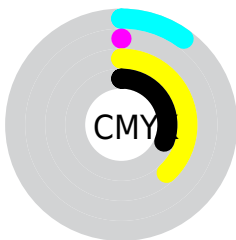
Distribution



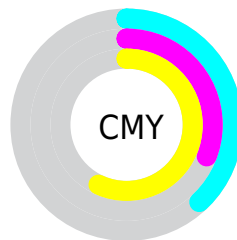
- Red (62%)
- Green (69%)
- Blue (43%)



- Red (43%)
- Yellow (69%)
- Blue (49%)



- Cyan (10%)
- Magenta (0%)
- Yellow (38%)
- Black (31%)



- Cyan (38%)
- Magenta (31%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9EAF6D 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 9EAF6D by changing the saturation by 10% instead.



9EAF6D



9EAF6D

FFFFFF



839454



D5E7A1



697B3C



F2FFBD



506225



FFFFD9



384A0D



FFFFF5



233300



051E00



000000



9EAF6D



9EAF6D



99AF5C



A3AF7F

■ 95AF4A

■ A7AF90

■ 90AF38

■ ACAFA2

■ 8CAF27

■ B0AFB3

■ 87AF15

■ B5AFC4

■ 83AF04

■ B9AFD6

■ 82AF00

■ BEAFE8

■ C2AFF9

■ C7AFFF

Harmonies

Analogous

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



C0A566



9EAF6D



77B684

Triad

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



9EAF6D



3EB4DE



E48FAB

Complementary

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



9EAF6D



7E6DAF

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.



CF95CB



9EAF6D



75ACE9

Square

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



9EAF6D



27B9C5



A8A0E1



E7918B

Rectangle

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



9EAF6D



5BB899



A8A0E1



DF90B6

Sweetspot

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



9EAF6D



DDE3CA



AF7E6D



6F7364



F2F2F2



737373

Same Dimension

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



9EAF6D



C9E37D



7EAF6D



54574E



709600



111700

Inverse Universe

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



7E6DAF



977DE3



9F6DAF



504E57



270096



060017

Previews

White Background



This preview shows how the Hex color 9EAF6D looks on a white background.

Color Contrast Check

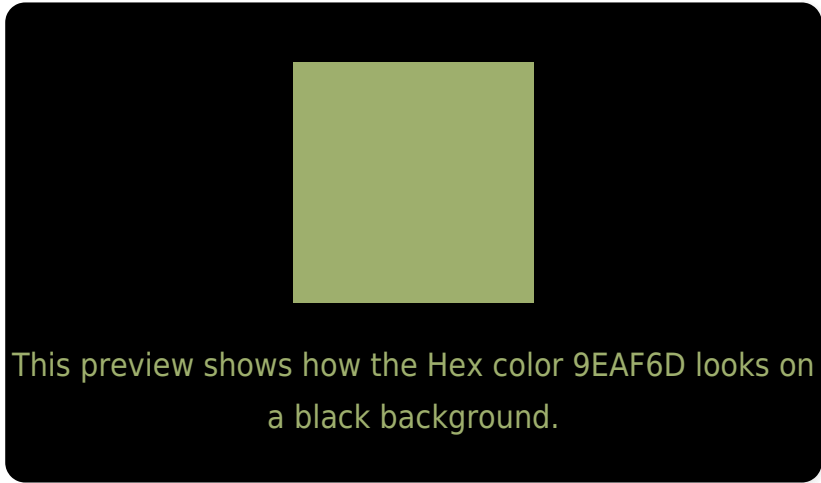
Large Text (above 18pt) WCAG AA × Fail

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

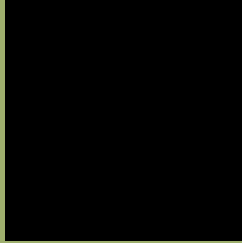
Any Text WCAG AA ✓ Pass

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 9EAF6D Background



This preview shows how black text looks on a background with the Hex color 9EAF6D.

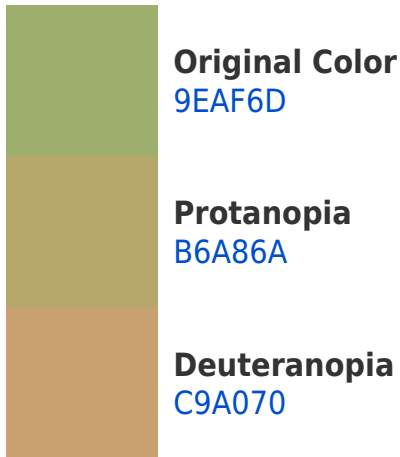


This preview shows how white text looks on a background with the Hex color 9EAF6D.

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](#).

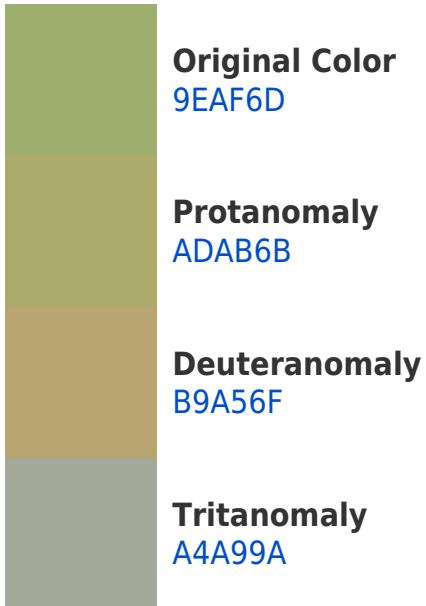
Dichromacy





Tritanopia
A7A6B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9EAF6D 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 #9EAF6D looks like.

```
.text, #text, p{  
    color:#9EAF6D  
}
```

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 #9EAF6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EAF6D
}
```

Border

The CSS property to change the border of an element to Hex 9EAF6D 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
#9EAF6D }
```

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

```
.border{ border-color:#9EAF6D }
```

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

Here you see how a box with a 4 pixel #9EAF6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EAF6D; -webkit-box-shadow:4px 4px  
4px 4px #9EAF6D; box-shadow:4px 4px 4px  
4px #9EAF6D }
```

Background

The CSS property to change the background color of an element to Hex 9EAF6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EAF6D }
```

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

```
.background{ background-color:#9EAF6D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor