

Converting Colors

Hex(9EA55C)

Have a look what the booklet for
Hex(9EA55C) contains.

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Color

Hex(9EA55C)

Conversions

Conversions Part 1

Format	Color
Hex	9EA55C
RGB	158, 165, 92
RGB Percent	62%, 65%, 36%
CMY	0.3804, 0.3529, 0.6392
CMYK	0.04, 0.00, 0.44, 0.35
HSL	66°, 29%, 50%
HSV	66°, 44%, 65%
XYZ	29.4875, 34.9521, 15.3175
YIQ	154.5850, 19.2610, -24.1870

Conversions

Conversions Part 2

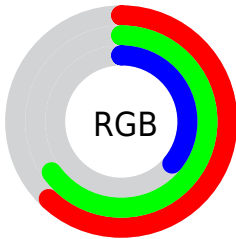
Format	Color
RYB	92, 165, 99
Decimal	10397020
CIELab	65.71, -13.72, 36.86
CIELCh	66, 39.335, 110.416
Yxy	34.9521, 0.3697, 0.4382
Android (android.graphics.Color)	4288587100 (0xFF9EA55C)
YUV	154.5850, -30.8544, 2.9950
Hunter-Lab	59.1203, -14.4300, 26.0227

Details

The Hex color **9EA55C** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **635CA5**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **D6DC90**, and **69712B** is the 20% darker color. If you saturate the color by 10%, you get **9CA54B**, and if you desaturate by 10%, it is **A0A56C**.

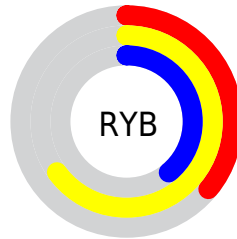
Distribution



Red (62%)

Green (65%)

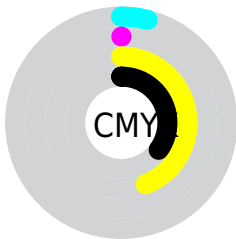
Blue (36%)



Red (36%)

Yellow (65%)

Blue (39%)

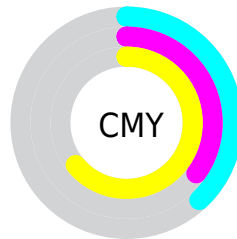


Cyan (4%)

Magenta (0%)

Yellow (44%)

Black (35%)



Cyan (38%)

Magenta (35%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9EA55C 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 9EA55C by changing the saturation by 10% instead.

 9EA55C

 9EA55C

FFFFFF

 838B43

 D6DC90

 69712B

 F3F8AA

 505913

 FFFFC6

 374200

 FFFFE2

 202B00

 001800

 000000

 9EA55C

 9EA55C

 9CA54B

 A0A56C

9BA53B

A1A57D

99A52A

A3A58D

98A51A

A4A59E

96A509

A6A5AE

95A500

A7A5BF

A9A5CF

ABA5E0

ACA5F0

Harmonies

Analogous

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



C09A5A



9EA55C



75AD71

Triad

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



9EA55C



00AFD5



DC85AC

Complementary

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



9EA55C



635CA5

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.



C18ECD



9EA55C



53A7E5

Square

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



9EA55C



00B2B7



929BE2



E48589

Rectangle

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



9EA55C



56B087



929BE2



D587B8

Sweetspot

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



9EA55C



D4D6BA



A5625C



696B5A



EBEBEB



6B6B6B

Same Dimension

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



9EA55C



CBD665



7AA55C



515249



839100



101200

Inverse Universe

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



635CA5



7065D6



875CA5



4A4952



0E0091



020012

Previews

White Background



This preview shows how the Hex color 9EA55C looks on a white background.

Color Contrast Check

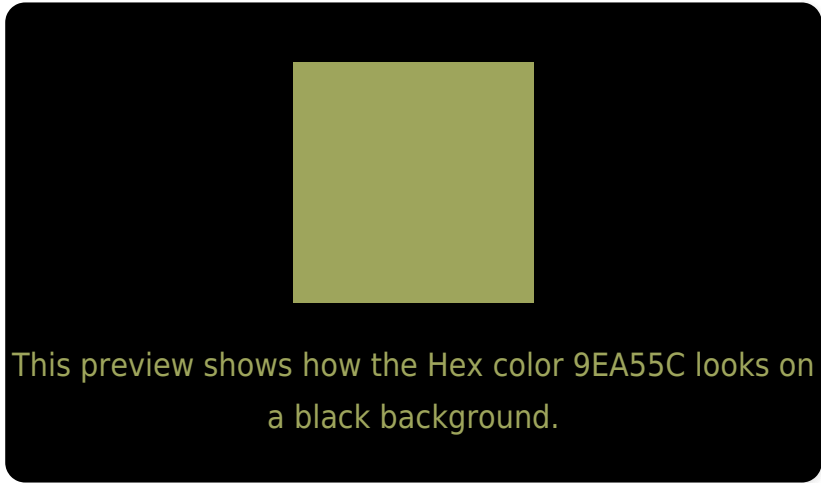
Large Text (above 18pt) WCAG AA × Fail

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

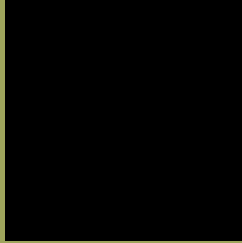
Any Text WCAG AA ✓ Pass

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 9EA55C Background



This preview shows how black text looks on a background with the Hex color 9EA55C.

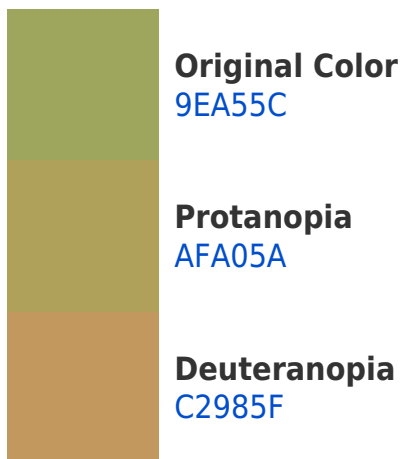


This preview shows how white text looks on a background with the Hex color 9EA55C.

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



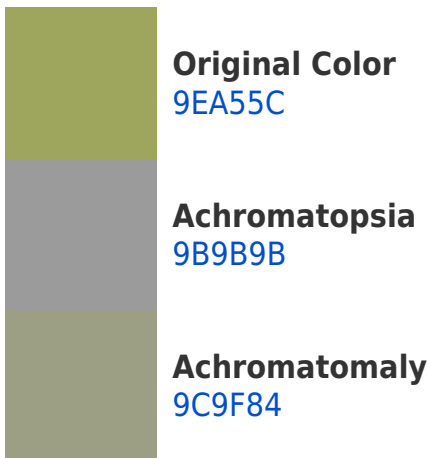


Tritanopia
A79CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9EA55C 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 #9EA55C looks like.

```
.text, #text, p{  
    color:#9EA55C  
}
```

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 #9EA55C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EA55C
}
```

Border

The CSS property to change the border of an element to Hex 9EA55C 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
#9EA55C }
```

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

```
.border{ border-color:#9EA55C }
```

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

Here you see how a box with a 4 pixel #9EA55C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EA55C; -webkit-box-shadow:4px 4px  
4px 4px #9EA55C; box-shadow:4px 4px 4px  
4px #9EA55C }
```

Background

The CSS property to change the background color of an element to Hex 9EA55C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EA55C }
```

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

```
.background{ background-color:#9EA55C }
```

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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