

Converting Colors

Hex(9EA711)

Have a look what the booklet for
Hex(9EA711) contains.

Hex(9EA711)	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(9EA711)

Conversions

Conversions Part 1

Format	Color
Hex	9EA711
RGB	158, 167, 17
RGB Percent	62%, 65%, 7%
CMY	0.3804, 0.3451, 0.9333
CMYK	0.05, 0.00, 0.90, 0.35
HSL	64°, 82%, 36%
HSV	64°, 90%, 65%
XYZ	28.0204, 34.9470, 5.7989
YIQ	147.2090, 42.7860, -48.5580

Conversions

Conversions Part 2

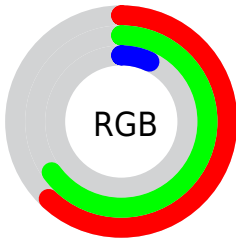
Format	Color
RYB	17, 167, 26
Decimal	10397457
CIELab	65.71, -19.41, 65.63
CIELCh	66, 68.438, 106.479
Yxy	34.9470, 0.4075, 0.5082
Android (android.graphics.Color)	4288587537 (0xFF9EA711)
YUV	147.2090, -64.1930, 9.4637
Hunter-Lab	59.1160, -18.8456, 35.5652

Details

The Hex color **9EA711** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **1A11A7**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **D8DE52**, and **667300** is the 20% darker color. If you saturate the color by 10%, you get **9DA700**, and if you desaturate by 10%, it is **9FA722**.

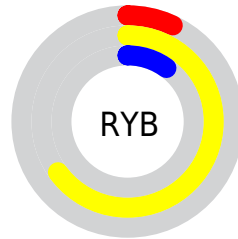
Distribution



Red (62%)

Green (65%)

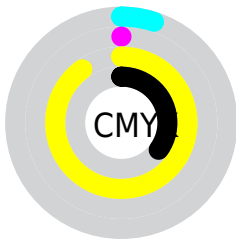
Blue (7%)



Red (7%)

Yellow (65%)

Blue (10%)

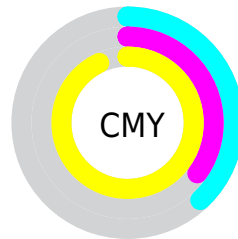


Cyan (5%)

Magenta (0%)

Yellow (90%)

Black (35%)



Cyan (38%)

Magenta (35%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9EA711 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 9EA711 by changing the saturation by 10% instead.



9EA711



9EA711

FFFFFF



828D00



D8DE52



667300



F6FA6D



4C5B00



FFFF89



314300



FFFFA5



172D00



FFFFC2



001A00



FFFFDE



000000



FFFFFC



9EA711



9EA711

■ 9DA700

■ 9FA722

■ A0A732

■ A1A743

■ A2A754

■ A3A764

■ A4A775

■ A5A786

■ A6A797

■ A7A7A7

Harmonies

Analogous

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



D59318



9EA711



54B445

Triad

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



9EA711



00B9F8



FF67BE

Complementary

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



9EA711



1A11A7

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.



CD80F5



9EA711



00AFFF

Square

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



9EA711



00BCC1



659BFF



FF6480

Rectangle

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



9EA711



00B96C



659BFF



F36ED2

Sweetspot

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



9EA711



D5D99E



A71911



6C6E4B



EDEDED



6E6E6E

Same Dimension

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



9EA711



CCD900



54A711



54544C



8B9400



131400

Inverse Universe

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



1A11A7



0D00D9



6311A7



4C4C54



090094



010014

Previews

White Background



This preview shows how the Hex color 9EA711 looks on a white background.

Color Contrast Check

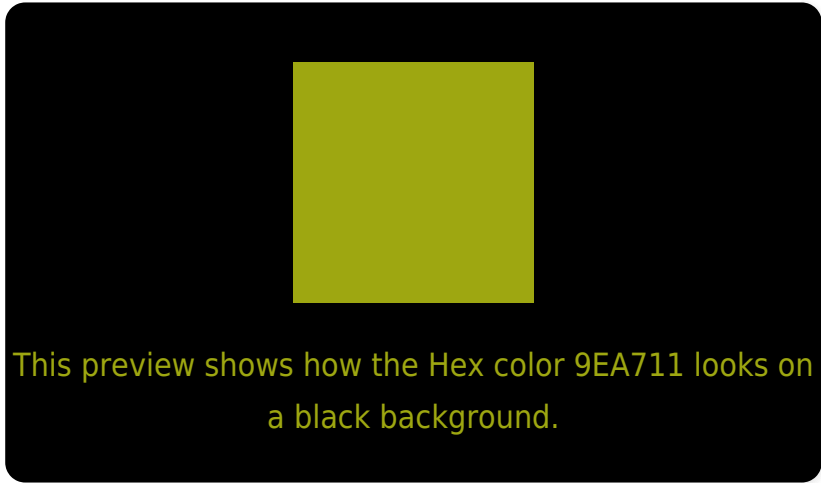
Large Text (above 18pt) WCAG AA × Fail

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 9EA711 Background



This preview shows how black text looks on a background with the Hex color 9EA711.



This preview shows how white text looks on a background with the Hex color 9EA711.

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



Original Color
9EA711

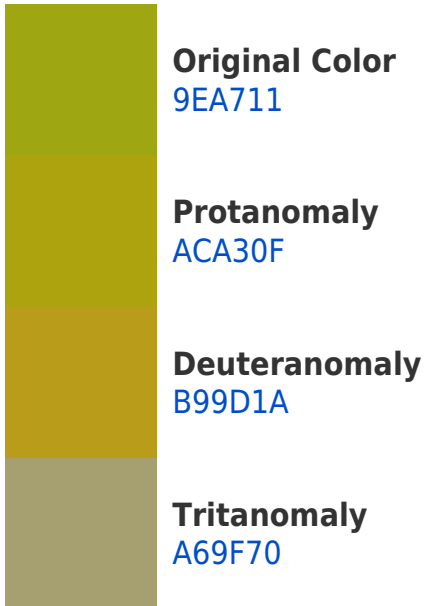
Protanopia
B4A00E

Deuteranopia
C9971F



Tritanopia
AA9BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9EA711 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 #9EA711 looks like.

```
.text, #text, p{  
    color:#9EA711  
}
```

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 #9EA711 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EA711  
}
```

Border

The CSS property to change the border of an element to Hex 9EA711 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  
#9EA711 }
```

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

```
.border{ border-color:#9EA711 }
```

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

Here you see how a box with a 4 pixel #9EA711 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EA711; -webkit-box-shadow:4px 4px  
4px 4px #9EA711; box-shadow:4px 4px 4px  
4px #9EA711 }
```

Background

The CSS property to change the background color of an element to Hex 9EA711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EA711 }
```

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

```
.background{ background-color:#9EA711 }
```

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