

Converting Colors

Hex(9EA676)

Have a look what the booklet for
Hex(9EA676) contains.

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Color

Hex(9EA676)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 9EA676 |
| RGB | 158, 166, 118 |
| RGB Percent | 62%, 65%, 46% |
| CMY | 0.3804, 0.3490, 0.5373 |
| CMYK | 0.05, 0.00, 0.29, 0.35 |
| HSL | 70°, 21%, 56% |
| HSV | 70°, 29%, 65% |
| XYZ | 31.0068, 35.8495, 22.4250 |
| YIQ | 158.1360, 10.6400, -16.6240 |

Conversions

Conversions Part 2

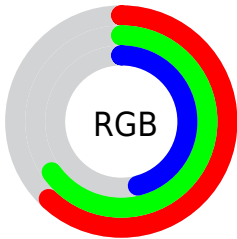
| Format | Color |
|-------------------------------------|---|
| RYB | 118, 166, 126 |
| Decimal | 10397302 |
| CIELab | 66.40, -10.99, 23.97 |
| CIELCh | 66, 26.368, 114.642 |
| Yxy | 35.8495, 0.3473, 0.4015 |
| Android (android.graphics.Color) | 4288587382 (0xFF9EA676) |
| YUV | 158.1360, -19.7870, -0.1193 |
| Hunter-Lab | 59.8745, -12.3418, 19.7061 |

Details

The Hex color **9EA676** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7E76A6**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **D5DDAA**, and **6A7245** is the 20% darker color. If you saturate the color by 10%, you get **9BA665**, and if you desaturate by 10%, it is **A1A687**.

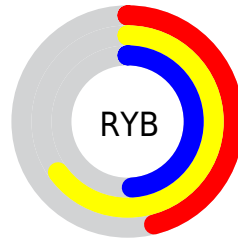
Distribution



Red (62%)

Green (65%)

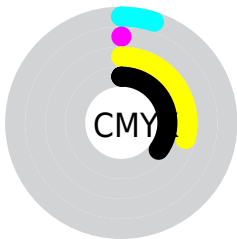
Blue (46%)



Red (46%)

Yellow (65%)

Blue (49%)

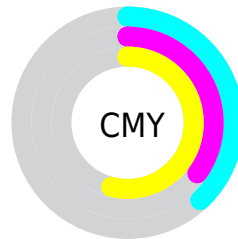


Cyan (5%)

Magenta (0%)

Yellow (29%)

Black (35%)



Cyan (38%)

Magenta (35%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9EA676 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 9EA676 by changing the saturation by 10% instead.



9EA676



9EA676

FFFFFF



848C5D



D5DDAA



6A7245



F2FAC6



515A2E



FFFFE2



3A4218



242C00



071800



000000



9EA676



9EA676



9BA665



A1A687

 98A655

 A4A697

 96A644

 A6A6A8

 93A634

 A9A6B8

 90A623

 ACA6C9

 8DA612

 AFA6DA

 8BA602

 B1A6EA

 8AA600

 B4A6FB

 B7A6FF

Harmonies

Analogous

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



B79E72



9EA676



83AC85

Triad

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



9EA676



61ABC7



CD90A7

Complementary

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



9EA676



7E76A6

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.



BC95BD



9EA676



7DA5D0

Square

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



9EA676



59AEB4



9F9DCC



D1918F

Rectangle

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



9EA676



71AE94



9F9DCC



C991AF

Sweetspot

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



9EA676



D5D9C5



A67E76



6C6E62



EDEDED



6E6E6E

Same Dimension

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



9EA676



CCD98D



87A676



53544C



7B9400



111400

Inverse Universe

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



7E76A6



9A8DD9



9676A6



4D4C54



190094



030014

Previews

White Background



This preview shows how the Hex color 9EA676 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

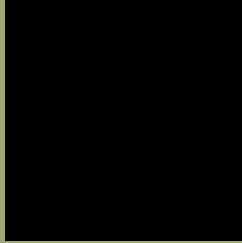
Any Text WCAG AA ✓ Pass

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 9EA676 Background



This preview shows how black text looks on a background with the Hex color 9EA676.



This preview shows how white text looks on a background with the Hex color 9EA676.

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
9EA676

Protanopia
AEA174

Deuteranopia
BE9B78

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9EA676 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 #9EA676 looks like.

```
.text, #text, p{  
    color:#9EA676  
}
```

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 #9EA676 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EA676
}
```

Border

The CSS property to change the border of an element to Hex 9EA676 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
#9EA676 }
```

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

```
.border{ border-color:#9EA676 }
```

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

Here you see how a box with a 4 pixel #9EA676 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EA676; -webkit-box-shadow:4px 4px  
4px 4px #9EA676; box-shadow:4px 4px 4px  
4px #9EA676 }
```

Background

The CSS property to change the background color of an element to Hex 9EA676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EA676 }
```

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

```
.background{ background-color:#9EA676 }
```

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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