

Converting Colors

Hex(9EA953)

Have a look what the booklet for
Hex(9EA953) contains.

Hex(9EA953)	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(9EA953)

Conversions

Conversions Part 1

Format	Color
Hex	9EA953
RGB	158, 169, 83
RGB Percent	62%, 66%, 33%
CMY	0.3804, 0.3373, 0.6745
CMYK	0.07, 0.00, 0.51, 0.34
HSL	68°, 34%, 49%
HSV	68°, 51%, 66%
XYZ	29.8499, 36.2696, 13.6111
YIQ	155.9070, 21.0500, -29.0780

Conversions

Conversions Part 2

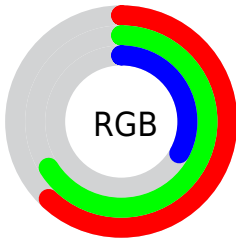
Format	Color
RYB	83, 169, 94
Decimal	10398035
CIELab	66.73, -16.71, 42.63
CIELCh	67, 45.787, 111.406
Yxy	36.2696, 0.3744, 0.4549
Android (android.graphics.Color)	4288588115 (0xFF9EA953)
YUV	155.9070, -35.9432, 1.8356
Hunter-Lab	60.2242, -16.9197, 28.7570

Details

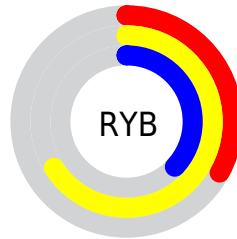
The Hex color **9EA953** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5E53A9**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **D6E087**, and **697521** is the 20% darker color. If you saturate the color by 10%, you get **9CA942**, and if you desaturate by 10%, it is **A0A964**.

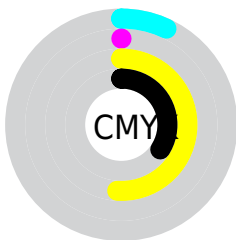
Distribution



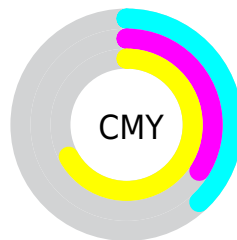
- Red (62%)
- Green (66%)
- Blue (33%)



- Red (33%)
- Yellow (66%)
- Blue (37%)



- Cyan (7%)
- Magenta (0%)
- Yellow (51%)
- Black (34%)



- Cyan (38%)
- Magenta (34%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9EA953 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 9EA953 by changing the saturation by 10% instead.



9EA953



9EA953

FFFFFF



838F3A



D6E087



697521



F3FDA2



4F5C03



FFFFBD



374500



FFFFD9



1E2F00



FFFFF6



001B00



000000



9EA953



9EA953



9CA942



A0A964

 9AA931

 A2A975

 98A920

 A4A986

 95A90F

 A7A997

 93A900

 A9A9A7

 ABA9B8

 ADA9C9

 AFA9DA

 B1A9EB

Harmonies

Analogous

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



C69C4F



9EA953



6EB26D

Triad

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



9EA953



00B3E2



E981B0

Complementary

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



9EA953



5E53A9

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.



CA8CD6



9EA953



3DAAF3

Square

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



9EA953



00B7BF



939CEF



F08286

Rectangle

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



9EA953



43B687



939CEF



E184BE

Sweetspot

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



9EA953



D7DBBA



A95D53



6B6E5A



EDEDED



6E6E6E

Same Dimension

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



9EA953



CADB56



74A953



53544C



819400



121400

Inverse Universe

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



5E53A9



6756DB



8853A9



4D4C54



130094



030014

Previews

White Background



This preview shows how the Hex color 9EA953 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

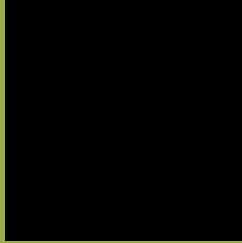
Any Text WCAG AA ✓ Pass

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 9EA953 Background



This preview shows how black text looks on a background with the Hex color 9EA953.



This preview shows how white text looks on a background with the Hex color 9EA953.

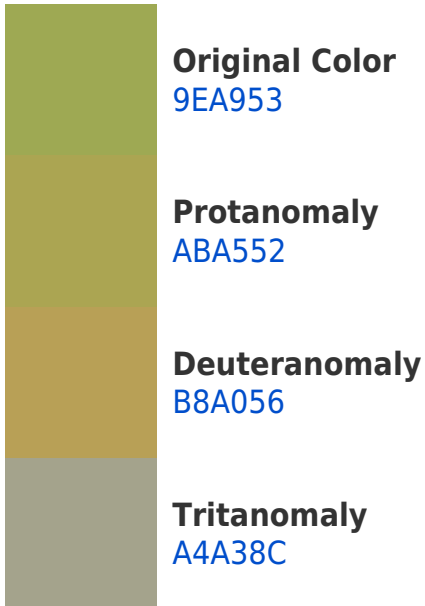
Color Blindness Simulation

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 9EA953 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 #9EA953 looks like.

```
.text, #text, p{  
    color:#9EA953  
}
```

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 #9EA953 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EA953
}
```

Border

The CSS property to change the border of an element to Hex 9EA953 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
#9EA953 }
```

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

```
.border{ border-color:#9EA953 }
```

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

Here you see how a box with a 4 pixel #9EA953 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EA953; -webkit-box-shadow:4px 4px  
4px 4px #9EA953; box-shadow:4px 4px 4px  
4px #9EA953 }
```

Background

The CSS property to change the background color of an element to Hex 9EA953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EA953 }
```

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

```
.background{ background-color:#9EA953 }
```

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