

Converting Colors

Hex(9EA933)

Have a look what the booklet for
Hex(9EA933) contains.

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Color

Hex(9EA933)

Conversions

Conversions Part 1

Format	Color
Hex	9EA933
RGB	158, 169, 51
RGB Percent	62%, 66%, 20%
CMY	0.3804, 0.3373, 0.8000
CMYK	0.07, 0.00, 0.70, 0.34
HSL	66°, 54%, 43%
HSV	66°, 70%, 66%
XYZ	28.8861, 35.8841, 8.5358
YIQ	152.2590, 31.3220, -39.0300

Conversions

Conversions Part 2

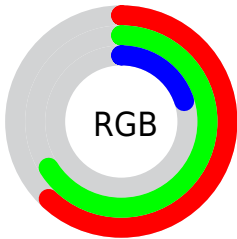
Format	Color
RYB	51, 169, 62
Decimal	10398003
CIELab	66.43, -19.14, 56.53
CIELCh	66, 59.679, 108.708
Yxy	35.8841, 0.3940, 0.4895
Android (android.graphics.Color)	4288588083 (0xFF9EA933)
YUV	152.2590, -49.9207, 5.0349
Hunter-Lab	59.9033, -18.7560, 33.4839

Details

The Hex color **9EA933** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3E33A9**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **D7E069**, and **677500** is the 20% darker color. If you saturate the color by 10%, you get **9CA922**, and if you desaturate by 10%, it is **A0A944**.

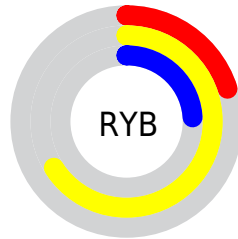
Distribution



Red (62%)

Green (66%)

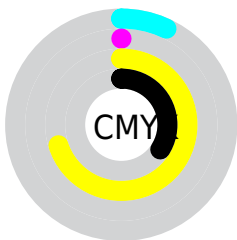
Blue (20%)



Red (20%)

Yellow (66%)

Blue (24%)

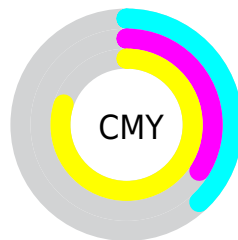


Cyan (7%)

Magenta (0%)

Yellow (70%)

Black (34%)



Cyan (38%)

Magenta (34%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9EA933 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 9EA933 by changing the saturation by 10% instead.



9EA933



9EA933

FFFFFF



828F14



D7E069



677500



F5FD84



4D5C00



FFF9F



334500



FFFBB



192F00



FFFD8



001C00



FFFF5



000000



9EA933



9EA933



9CA922



A0A944

■ 9BA911

■ A1A955

■ 99A900

■ A3A966

■ A4A977

■ A6A987

■ A7A998

■ A9A9A9

■ ABA9BA

■ ACA9CB

Harmonies

Analogous

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



CF9832



9EA933



5EB457

Triad

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



9EA933



00B8F1



F973B8

Complementary

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



9EA933



3E33A9

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.



CF85E9



9EA933



00ADFF

Square

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



9EA933



00BCC2



7E9CFF



FF7282

Rectangle

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



9EA933



00B979



7E9CFF



EF78CA

Sweetspot

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



9EA933



D7DBAD



A93D33



6B6E52



EDEDED



6E6E6E

Same Dimension

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



9EA933



CADB23



64A933



53544C



869400



121400

Inverse Universe

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



3E33A9



3423DB



7833A9



4D4C54



0E0094



020014

Previews

White Background



This preview shows how the Hex color 9EA933 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 9EA933 Background



This preview shows how black text looks on a background with the Hex color 9EA933.



This preview shows how white text looks on a background with the Hex color 9EA933.

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
9EA933

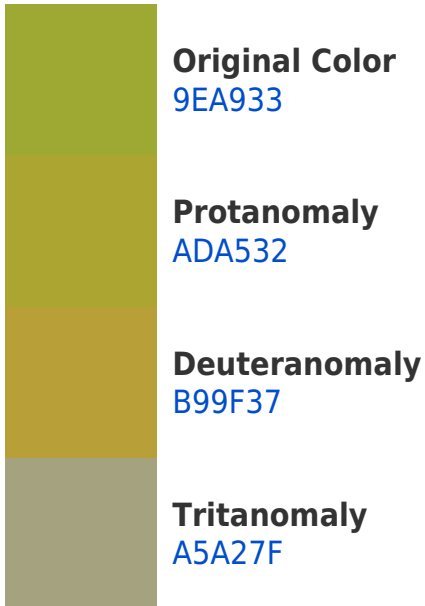
Protanopia
B5A231

Deuteranopia
C99939

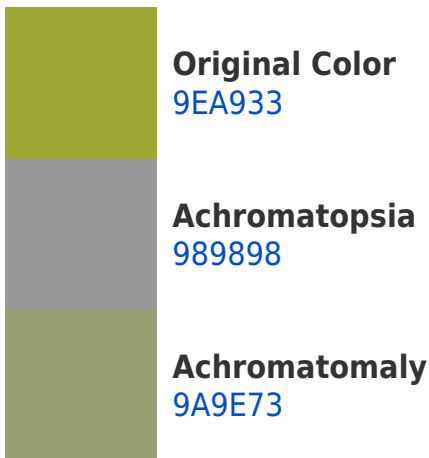


Tritanopia
A99EAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9EA933 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 #9EA933 looks like.

```
.text, #text, p{  
    color:#9EA933  
}
```

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 #9EA933 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EA933
}
```

Border

The CSS property to change the border of an element to Hex 9EA933 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
#9EA933 }
```

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

```
.border{ border-color:#9EA933 }
```

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

Here you see how a box with a 4 pixel #9EA933 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EA933; -webkit-box-shadow:4px 4px  
4px 4px #9EA933; box-shadow:4px 4px 4px  
4px #9EA933 }
```

Background

The CSS property to change the background color of an element to Hex 9EA933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EA933 }
```

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

```
.background{ background-color:#9EA933 }
```

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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