

# Converting Colors

Hex(9EA90E)

Have a look what the booklet for  
Hex(9EA90E) contains.

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**Color**

**Hex(9EA90E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9EA90E
RGB	158, 169, 14
RGB Percent	62%, 66%, 5%
CMY	0.3804, 0.3373, 0.9451
CMYK	0.07, 0.00, 0.92, 0.34
HSL	64°, 85%, 36%
HSV	64°, 92%, 66%
XYZ	28.3678, 35.6767, 5.8066
YIQ	148.0410, 43.1990, -50.5370

# Conversions

## Conversions Part 2

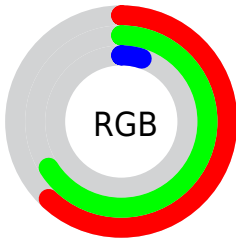
<b>Format</b>	<b>Color</b>
<b>RYB</b>	14, 169, 25
Decimal	10397966
CIELab	66.27, -20.48, 66.57
CIELCh	66, 69.647, 107.100
Yxy	35.6767, 0.4061, 0.5108
Android (android.graphics.Color)	4288588046 (0xFF9EA90E)
YUV	148.0410, -66.0822, 8.7340
Hunter-Lab	59.7300, -19.7519, 36.0472

# Details

The Hex color **9EA90E** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **190EA9**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **D8E051**, and **667500** is the 20% darker color. If you saturate the color by 10%, you get **9DA900**, and if you desaturate by 10%, it is **9FA91F**.

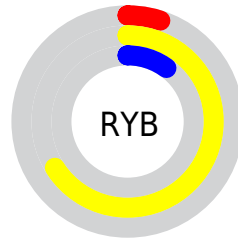
# Distribution



Red (62%)

Green (66%)

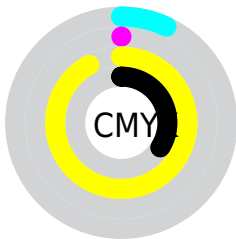
Blue (5%)



Red (5%)

Yellow (66%)

Blue (10%)

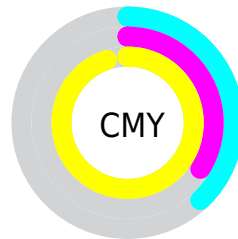


Cyan (7%)

Magenta (0%)

Yellow (92%)

Black (34%)



Cyan (38%)

Magenta (34%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9EA90E 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 9EA90E by changing the saturation by 10% instead.





9EA90E



9EA90E

FFFFFF



828F00



D8E051



667500



F6FD6D



4B5D00



FFFF88



304500



FFFFA4



162F00



FFFFC1



001C00



FFFFDE



000000



FFFFFB



9EA90E



9EA90E

■ 9DA900

■ 9FA91F

■ A0A930

■ A2A941

■ A3A952

■ A4A963

■ A5A973

■ A6A984

■ A8A995

■ A9A9A6

# Harmonies

## Analogous

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



D69414



9EA90E



52B645

# Triad

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



9EA90E



00BBFC



FF67BF

# Complementary

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



9EA90E



190EA9

# 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.



D180F7



9EA90E



00B0FF

# Square

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



9EA90E



00BEC4



689CFF



FF6580

# Rectangle

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



9EA90E



00BB6E



689CFF



F76ED3



# Sweetspot

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



9EA90E



D7DB9E



A9180E



6B6E48



EDEDED



6E6E6E



# Same Dimension

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



9EA90E



CCDB00



51A90E



54544C



899400



131400



# Inverse Universe

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



190EA9



1000DB



660EA9



4C4C54



0A0094



010014



# Previews

## White Background



This preview shows how the Hex color 9EA90E looks on a white background.

## Color Contrast Check

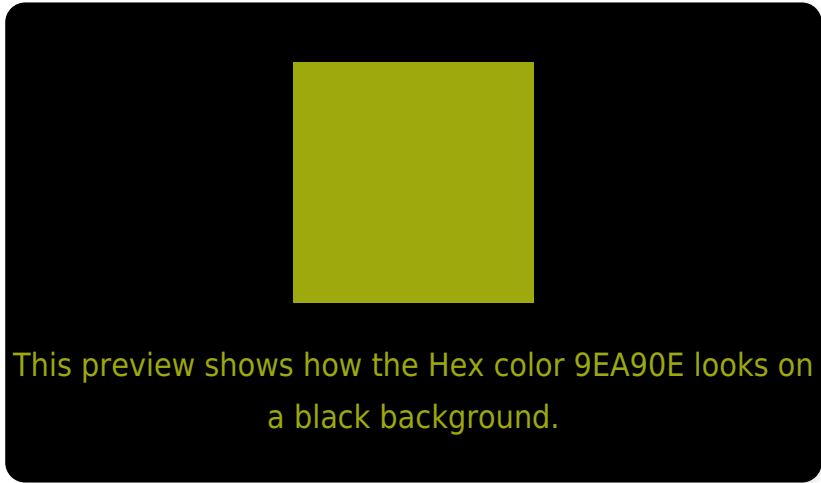
Large Text (above 18pt) WCAG AA × Fail

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 9EA90E Background



This preview shows how black text looks on a background with the Hex color 9EA90E.



This preview shows how white text looks on a background with the Hex color 9EA90E.

# 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**  
AA9DA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9EA90E 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 #9EA90E looks like.

```
.text, #text, p{  
    color:#9EA90E  
}
```

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 #9EA90E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EA90E
}
```

## Border

The CSS property to change the border of an element to Hex 9EA90E 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
#9EA90E }
```

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

```
.border{ border-color:#9EA90E }
```

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

Here you see how a box with a 4 pixel #9EA90E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EA90E; -webkit-box-shadow:4px 4px  
4px 4px #9EA90E; box-shadow:4px 4px 4px  
4px #9EA90E }
```

# Background

The CSS property to change the background color of an element to Hex 9EA90E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EA90E }
```

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

```
.background{ background-color:#9EA90E }
```

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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