

Converting Colors

Hex(9EA824)

Have a look what the booklet for
Hex(9EA824) contains.

Hex(9EA824)	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(9EA824)

Conversions

Conversions Part 1

Format	Color
Hex	9EA824
RGB	158, 168, 36
RGB Percent	62%, 66%, 14%
CMY	0.3804, 0.3412, 0.8588
CMYK	0.06, 0.00, 0.79, 0.34
HSL	65°, 65%, 40%
HSV	65°, 79%, 66%
XYZ	28.4216, 35.4017, 7.0043
YIQ	149.9620, 36.4120, -43.1720

Conversions

Conversions Part 2

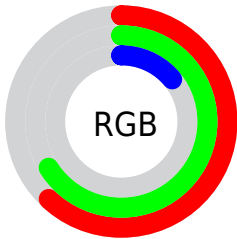
Format	Color
RYB	36, 168, 46
Decimal	10397732
CIELab	66.06, -19.35, 61.35
CIELCh	66, 64.327, 107.510
Yxy	35.4017, 0.4013, 0.4998
Android (android.graphics.Color)	4288587812 (0xFF9EA824)
YUV	149.9620, -56.1833, 7.0493
Hunter-Lab	59.4994, -18.8581, 34.6699

Details

The Hex color **9EA824** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2E24A8**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **D8DF5D**, and **677400** is the 20% darker color. If you saturate the color by 10%, you get **9DA813**, and if you desaturate by 10%, it is **9FA835**.

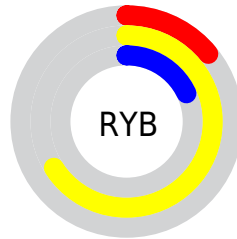
Distribution



Red (62%)

Green (66%)

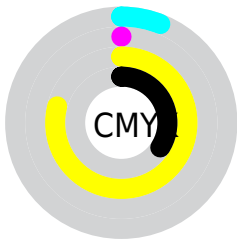
Blue (14%)



Red (14%)

Yellow (66%)

Blue (18%)

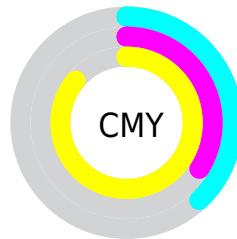


Cyan (6%)

Magenta (0%)

Yellow (79%)

Black (34%)



Cyan (38%)

Magenta (34%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9EA824 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 9EA824 by changing the saturation by 10% instead.

 9EA824

 9EA824

FFFFFF

 828E00

 D8DF5D

 677400

 F5FC78

 4C5C00

 FFFF94

 324400

 FFFF80

 182E00

 FFFFCC

 001B00

 FFFF99

 000000

 9EA824

 9EA824

 9DA813

 9FA835

 9BA802

 A1A846

 9BA800

 A2A856

 A3A867

 A4A878

 A6A889

 A7A89A

 A8A8AA

 A9A8BB

Harmonies

Analogous

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



D29525



9EA824



59B44E

Triad

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



9EA824



00B8F5



FD6DBB

Complementary

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



9EA824



2E24A8

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.



CE82EF



9EA824



00AEFF

Square

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



9EA824



00BCC2



729BFF



FF6B81

Rectangle

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



9EA824



00B972



729BFF



F173CE

Sweetspot

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



9EA824



D7DBA7



A82D24



6B6E4E



EDEDED



6E6E6E

Same Dimension

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



9EA824



CCDB0D



5DA824



54544C



899400



131400

Inverse Universe

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



2E24A8



1D0DDB



6F24A8



4C4C54



0B0094



020014

Previews

White Background



This preview shows how the Hex color 9EA824 looks on a white background.

Color Contrast Check

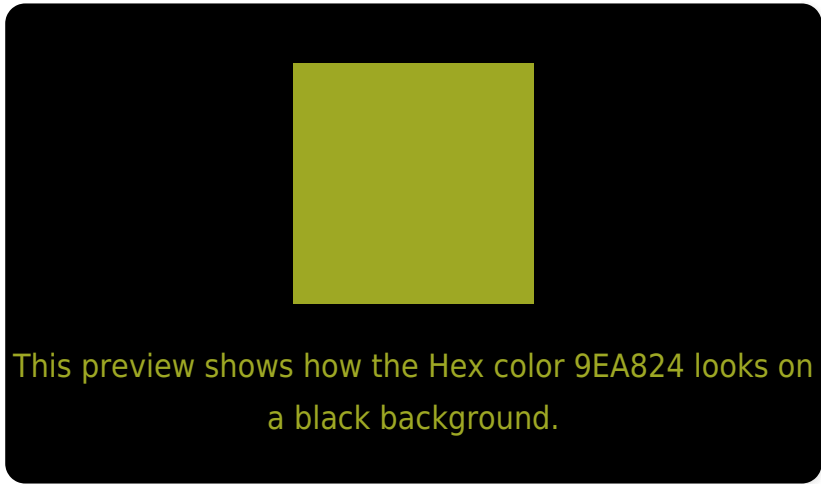
Large Text (above 18pt) WCAG AA × Fail

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 9EA824 Background



This preview shows how black text looks on a background with the Hex color 9EA824.

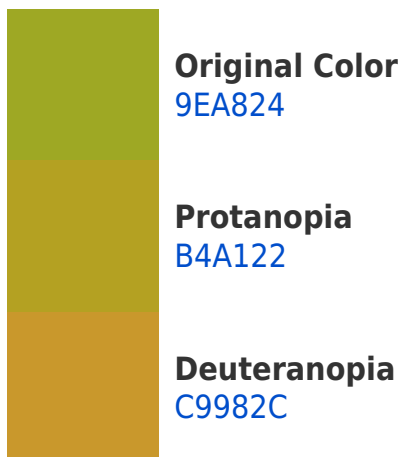


This preview shows how white text looks on a background with the Hex color 9EA824.

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](#).

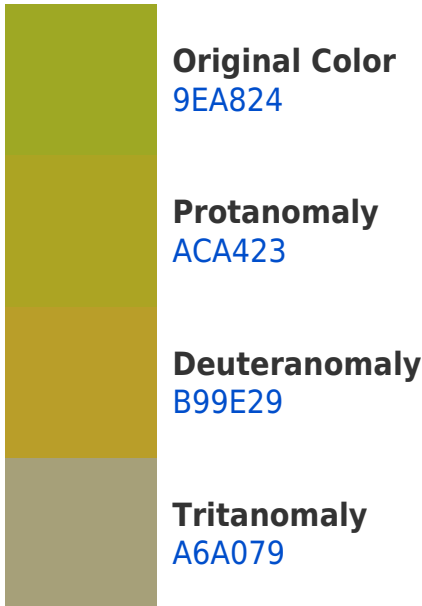
Dichromacy



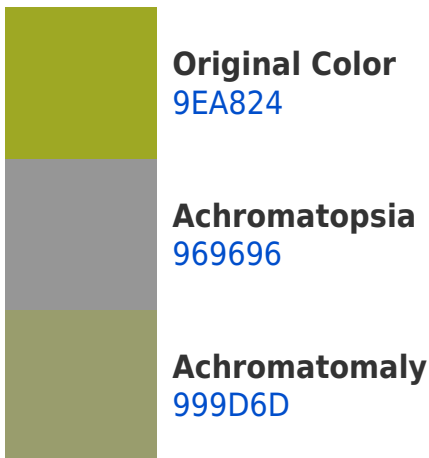


Tritanopia
AA9CA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9EA824 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 #9EA824 looks like.

```
.text, #text, p{  
    color:#9EA824  
}
```

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 #9EA824 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EA824  
}
```

Border

The CSS property to change the border of an element to Hex 9EA824 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  
#9EA824 }
```

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

```
.border{ border-color:#9EA824 }
```

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

Here you see how a box with a 4 pixel #9EA824 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EA824; -webkit-box-shadow:4px 4px  
4px 4px #9EA824; box-shadow:4px 4px 4px  
4px #9EA824 }
```

Background

The CSS property to change the background color of an element to Hex 9EA824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EA824 }
```

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

```
.background{ background-color:#9EA824 }
```

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