

Converting Colors

Hex(9D862A)

Have a look what the booklet for
Hex(9D862A) contains.

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Color

Hex(9D862A)

Conversions

Conversions Part 1

Format	Color
Hex	9D862A
RGB	157, 134, 42
RGB Percent	62%, 53%, 16%
CMY	0.3843, 0.4745, 0.8353
CMYK	0.00, 0.15, 0.73, 0.38
HSL	48°, 58%, 39%
HSV	48°, 73%, 62%
XYZ	22.8476, 24.3855, 5.6932
YIQ	130.3890, 43.2400, -23.7360

Conversions

Conversions Part 2

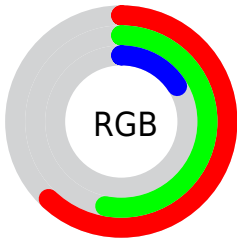
Format	Color
R_{YB}	71, 157, 42
Decimal	10323498
CIE _{Lab}	56.47, -1.49, 50.16
CIE _{LCh}	56, 50.186, 91.701
Yxy	24.3855, 0.4317, 0.4607
Android (android.graphics.Color)	4288513578 (0xFF9D862A)
YUV	130.3890, -43.5758, 23.3378
Hunter-Lab	49.3816, -3.8304, 27.7317




Details

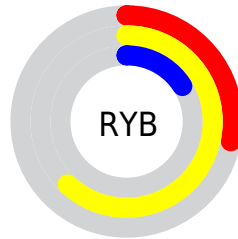
The Hex color **9D862A** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **2A419D**, and the grayscale version is **838383**.




A 20% lighter version of the original color is **D6BB5E**, and **665500** is the 20% darker color. If you saturate the color by 10%, you get **9D831A**, and if you desaturate by 10%, it is **9D893A**.

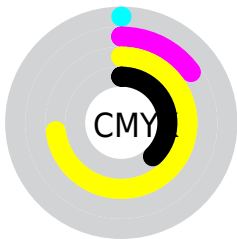
Distribution







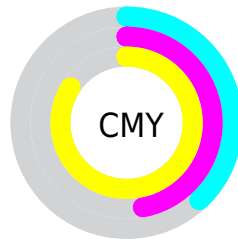
-  Red (62%)
-  Green (53%)
-  Blue (16%)






-  Red (28%)
-  Yellow (62%)
-  Blue (16%)



-  Cyan (0%)
-  Magenta (15%)
-  Yellow (73%)
-  Black (38%)



-  Cyan (38%)
-  Magenta (47%)
-  Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the Hex color 9D862A 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 9D862A by changing the saturation by 10% instead.

 9D862A

 9D862A

FFFFFF

 816D0C

 D6BB5E

 665500

 F4D778

 4C3E00

 FFF392

 322800

 FFFF4E

 191400

 FFFFC4

 000000

 FFFF96

 9D862A

 9D862A

 9D831A

 9D893A

■ 9D800B

■ 9D8C49

■ 9D7E00

■ 9D8F59

■ 9D9369

■ 9D9679

■ 9D9988

■ 9D9C98

■ 9D9FA8

■ 9DA2B7

Harmonies

Analogous

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



C0763A



9D862A



719238

Triad

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



9D862A



009CB4



BF69B2

Complementary

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



9D862A



2A419D

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.



8C7BD2



9D862A



0097D4

Square

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



9D862A



009D89



298BDF



D66087

Rectangle

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



9D862A



4B984F



298BDF



B16FBE

Sweetspot

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



9D862A



CCC39F



9D2A41



66614B



E6E6E6



666666

Same Dimension

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



9D862A



CCA818



7B9D2A



4F4D47



8F7200



0F0C00

Inverse Universe

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



2A419D



183CCC



4C2A9D



47494F



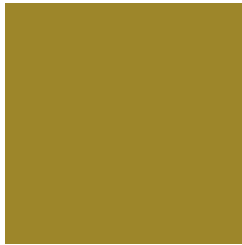
001D8F



00030F

Previews

White Background



This preview shows how the Hex color 9D862A looks on a white background.

Color Contrast Check

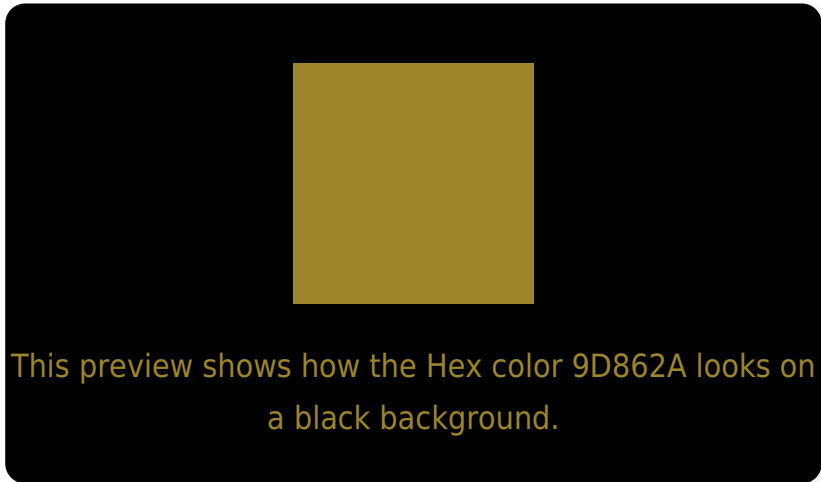
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 9D862A Background



This preview shows how black text looks on a background with the Hex color 9D862A.



This preview shows how white text looks on a background with the Hex color 9D862A.

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

9D862A

Protanopia

98882A

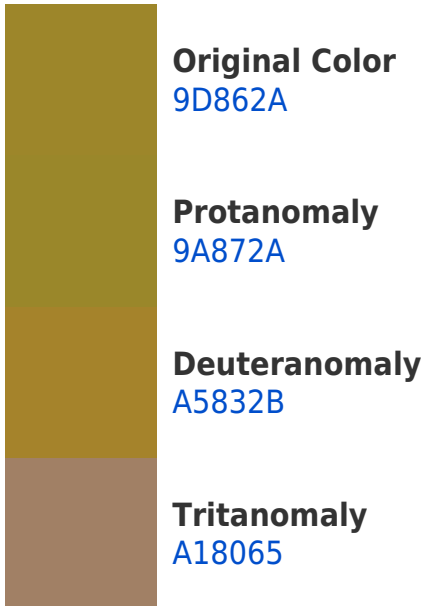
Deuteranopia

AA812C

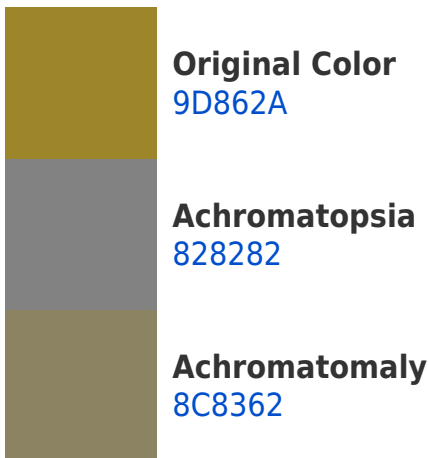


Tritanopia
A47D87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9D862A 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 #9D862A looks like.

```
.text, #text, p{  
    color:#9D862A  
}
```

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 #9D862A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D862A
}
```

Border

The CSS property to change the border of an element to Hex 9D862A 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
#9D862A }
```

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

```
.border{ border-color:#9D862A }
```

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

Here you see how a box with a 4 pixel #9D862A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D862A; -webkit-box-shadow:4px 4px  
4px 4px #9D862A; box-shadow:4px 4px 4px  
4px #9D862A }
```

Background

The CSS property to change the background color of an element to Hex 9D862A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D862A }
```

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

```
.background{ background-color:#9D862A }
```

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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