

# Converting Colors

Hex(92A84E)

Have a look what the booklet for  
Hex(92A84E) contains.

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# **Color**

**Hex(92A84E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	92A84E
RGB	146, 168, 78
RGB Percent	57%, 66%, 31%
CMY	0.4275, 0.3412, 0.6941
CMYK	0.13, 0.00, 0.54, 0.34
HSL	75°, 37%, 48%
HSV	75°, 54%, 66%
XYZ	27.2318, 34.6663, 12.4637
YIQ	151.1620, 15.7780, -32.6540

# Conversions

## Conversions Part 2

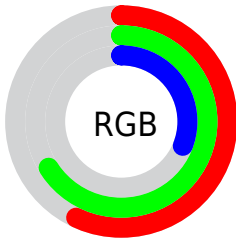
<b>Format</b>	<b>Color</b>
<b>RYB</b>	78, 168, 100
Decimal	9611342
CIELab	65.49, -21.62, 43.39
CIELCh	65, 48.476, 116.487
Yxy	34.6663, 0.3662, 0.4662
Android (android.graphics.Color)	4287801422 (0xFF92A84E)
YUV	151.1620, -36.0689, -4.5271
Hunter-Lab	58.8781, -20.4783, 28.6638

# Details

The Hex color **92A84E** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **644EA8**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **CADF82**, and **5D741B** is the 20% darker color. If you saturate the color by 10%, you get **8EA83D**, and if you desaturate by 10%, it is **96A85F**.

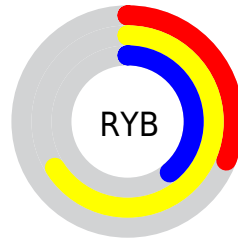
# Distribution



Red (57%)

Green (66%)

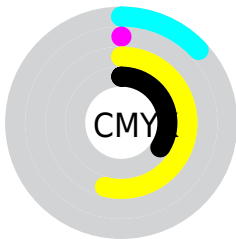
Blue (31%)



Red (31%)

Yellow (66%)

Blue (39%)

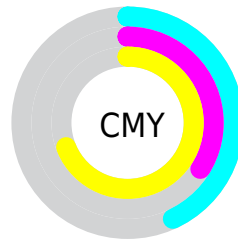


Cyan (13%)

Magenta (0%)

Yellow (54%)

Black (34%)



Cyan (43%)

Magenta (34%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 92A84E 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 92A84E by changing the saturation by 10% instead.





92A84E



92A84E

FFFFFF



778E35



CADF82



5D741B



E6FC9C



445B00



FFFFB8



2C4400



FFFFD4



122D00



FFFFF1



001B00



000000



92A84E



92A84E



8EA83D



96A85F

 8AA82C

 9AA870

 86A81C

 9EA880

 82A80B

 A2A891

 7FA800

 A7A8A2

 ABA8B3

 AFA8C4

 B3A8D4

 B7A8E5

# Harmonies

## Analogous

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



BD9B46



92A84E



5CB16D

# Triad

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



92A84E



00B0E7



EC7BA6

# Complementary

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



92A84E



644EA8

# 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.



D085D0



92A84E



40A5F5

# Square

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



92A84E



00B5C4



9A96ED



F07E7B

# Rectangle

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



92A84E



1FB489



9A96ED



E67DB5



# Sweetspot

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



92A84E



D3DBB8



A8634E



696E59



EDEDED



6E6E6E



# Same Dimension

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



92A84E



B9DB4F



66A84E



52544C



709400



0F1400



# Inverse Universe

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



644EA8



714FDB



904EA8



4E4C54



240094



050014



# Previews

## White Background



This preview shows how the Hex color 92A84E looks on a white background.

## Color Contrast Check

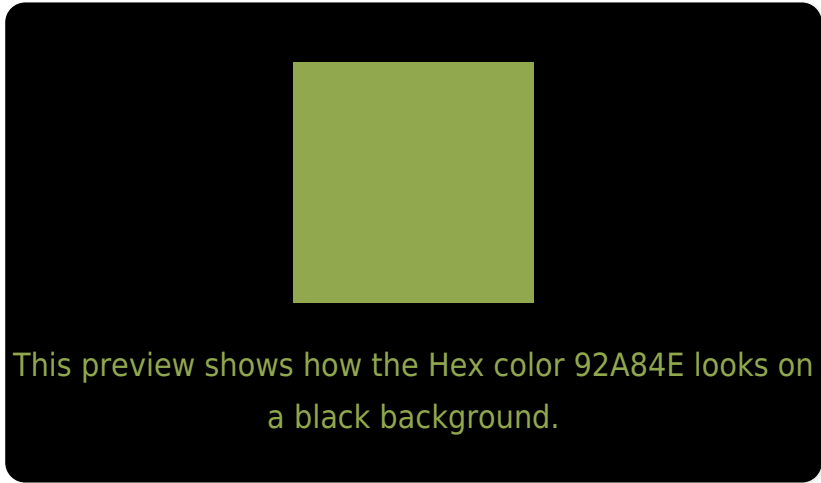
Large Text (above 18pt) WCAG AA × Fail

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 92A84E Background



This preview shows how black text looks on a background with the Hex color 92A84E.



This preview shows how white text looks on a background with the Hex color 92A84E.

# 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](#).

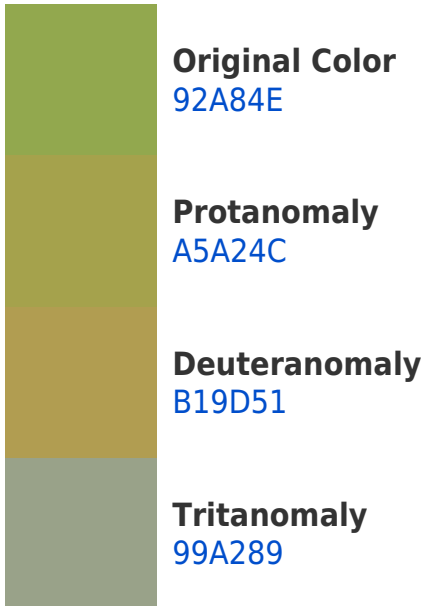
## Dichromacy





**Tritanopia**  
9D9EAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 92A84E 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 #92A84E looks like.

```
.text, #text, p{  
    color:#92A84E  
}
```

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 #92A84E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #92A84E
}
```

## Border

The CSS property to change the border of an element to Hex 92A84E 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
#92A84E }
```

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

```
.border{ border-color:#92A84E }
```

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

Here you see how a box with a 4 pixel #92A84E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #92A84E; -webkit-box-shadow:4px 4px  
4px 4px #92A84E; box-shadow:4px 4px 4px  
4px #92A84E }
```

# Background

The CSS property to change the background color of an element to Hex 92A84E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#92A84E }
```

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

```
.background{ background-color:#92A84E }
```

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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