

# Converting Colors

Hex(92A84B)

Have a look what the booklet for  
Hex(92A84B) contains.

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**Color**

**Hex(92A84B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	92A84B
RGB	146, 168, 75
RGB Percent	57%, 66%, 29%
CMY	0.4275, 0.3412, 0.7059
CMYK	0.13, 0.00, 0.55, 0.34
HSL	74°, 38%, 48%
HSV	74°, 55%, 66%
XYZ	27.1267, 34.6243, 11.9100
YIQ	150.8200, 16.7410, -33.5870

# Conversions

## Conversions Part 2

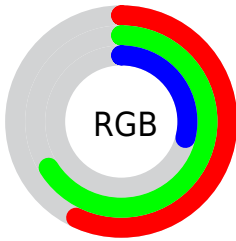
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">75, 168, 97</a>
Decimal	<a href="#">9611339</a>
CIELab	<a href="#">65.46, -21.90, 44.79</a>
CIELCh	<a href="#">65, 49.859, 116.058</a>
Yxy	<a href="#">34.6243, 0.3683, 0.4700</a>
Android (android.graphics.Color)	<a href="#">4287801419 (0xFF92A84B)</a>
YUV	<a href="#">150.8200, -37.3793, -4.2271</a>
Hunter-Lab	<a href="#">58.8424, -20.6846, 29.1890</a>

# Details

The Hex color **92A84B** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **614BA8**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **CADF7F**, and **5D7417** is the 20% darker color. If you saturate the color by 10%, you get **8EA83A**, and if you desaturate by 10%, it is **96A85C**.

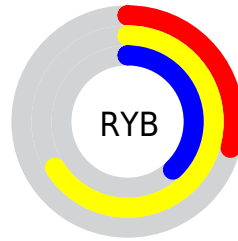
# Distribution



Red (57%)

Green (66%)

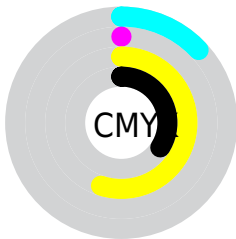
Blue (29%)



Red (29%)

Yellow (66%)

Blue (38%)

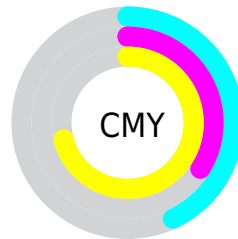


Cyan (13%)

Magenta (0%)

Yellow (55%)

Black (34%)



Cyan (43%)

Magenta (34%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 92A84B 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 92A84B by changing the saturation by 10% instead.



 92A84B

 92A84B

FFFFFF

 778E32

 CADF7F

 5D7417


 E6FC99

 435B00

 FFFFB5

 2C4400

 FFFFDD

 112D00

 FFFFEE

 001B00

 000000

 92A84B

 92A84B

 8EA83A

 96A85C

 8AA829

 9AA86D

 86A819

 9EA87D

 82A808

 A2A88E

 80A800

 A6A89F

 AAA8B0

 AEA8C1

 B2A8D1

 B6A8E2

# Harmonies

## Analogous

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



BE9A43



92A84B



5AB16B

# Triad

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



92A84B



00B0E8



EE79A7

# Complementary

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



92A84B



614BA8

# 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.



D084D1



92A84B



36A5F8

# Square

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



92A84B



00B5C5



9896EF



F17C7A

# Rectangle

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



92A84B



15B488



9896EF



E77BB6



# Sweetspot

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



92A84B



D2DBB6



A8614B



686E58



EDEDED



6E6E6E



# Same Dimension

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



92A84B



B9DB4B



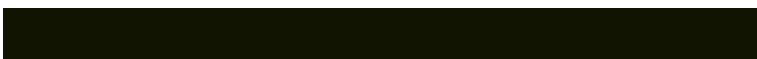
64A84B



52544C



719400



101400



# Inverse Universe

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



614BA8



6D4BDB



8F4BA8



4E4C54



230094



050014



# Previews

## White Background



This preview shows how the Hex color 92A84B looks on a white background.

## Color Contrast Check

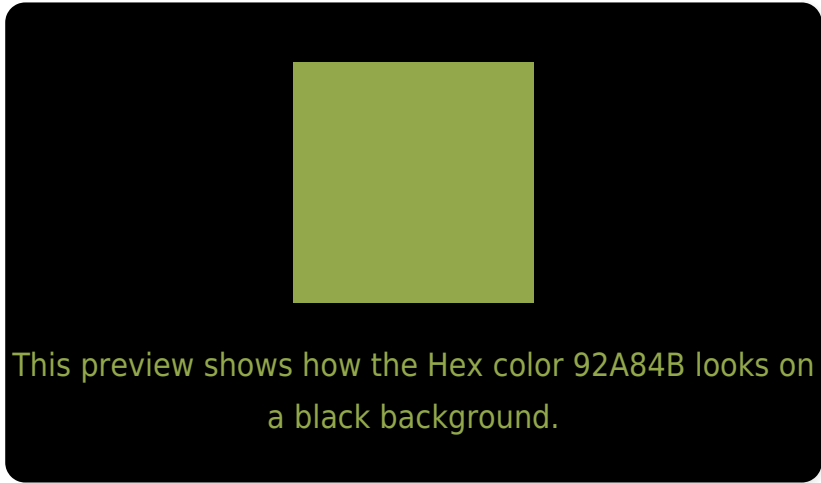
Large Text (above 18pt) WCAG AA × Fail

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 92A84B Background



This preview shows how black text looks on a background with the Hex color 92A84B.



This preview shows how white text looks on a background with the Hex color 92A84B.

# 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**  
92A84B

**Protanopia**  
B09F48

**Deuteranopia**  
C39750



**Tritanopia**  
9D9EAA

# Trichromacy



**Original Color**  
92A84B

**Protanomaly**  
A5A249

**Deuteranomaly**  
B19D4E

**Tritanomaly**  
99A287

# Monochromacy



**Original Color**  
92A84B

**Achromatopsia**  
979797

**Achromatomaly**  
959D7B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 92A84B 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 #92A84B looks like.

```
.text, #text, p{  
    color:#92A84B  
}
```

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 #92A84B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #92A84B
}
```

## Border

The CSS property to change the border of an element to Hex 92A84B 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
#92A84B }
```

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

```
.border{ border-color:#92A84B }
```

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

Here you see how a box with a 4 pixel #92A84B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #92A84B; -webkit-box-shadow:4px 4px  
4px 4px #92A84B; box-shadow:4px 4px 4px  
4px #92A84B }
```

# Background

The CSS property to change the background color of an element to Hex 92A84B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#92A84B }
```

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

```
.background{ background-color:#92A84B }
```

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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