

# Converting Colors

Hex(92A14E)

Have a look what the booklet for  
Hex(92A14E) contains.

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# Color

Hex(92A14E)

# Conversions

## Conversions Part 1

Format	Color
Hex	92A14E
RGB	146, 161, 78
RGB Percent	57%, 63%, 31%
CMY	0.4275, 0.3686, 0.6941
CMYK	0.09, 0.00, 0.52, 0.37
HSL	71°, 35%, 47%
HSV	71°, 52%, 63%
XYZ	25.9741, 32.1508, 12.0445
YIQ	147.0530, 17.7030, -28.9930

# Conversions

## Conversions Part 2

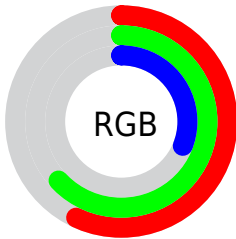
<b>Format</b>	<b>Color</b>
<b>RYB</b>	78, 161, 93
Decimal	9609550
CIELab	63.47, -18.06, 41.00
CIElCh	63, 44.808, 113.776
Yxy	32.1508, 0.3702, 0.4582
Android (android.graphics.Color)	4287799630 (0xFF92A14E)
YUV	147.0530, -34.0431, -0.9235
Hunter-Lab	56.7017, -17.4601, 27.0969

# Details

The Hex color **92A14E** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5D4EA1**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **C9D881**, and **5D6D1C** is the 20% darker color. If you saturate the color by 10%, you get **8FA13E**, and if you desaturate by 10%, it is **95A15E**.

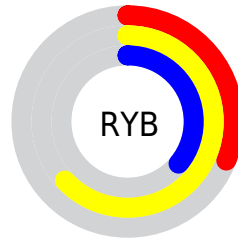
# Distribution



Red (57%)

Green (63%)

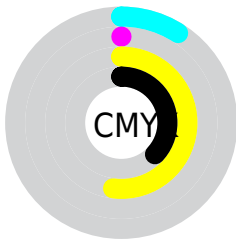
Blue (31%)



Red (31%)

Yellow (63%)

Blue (36%)

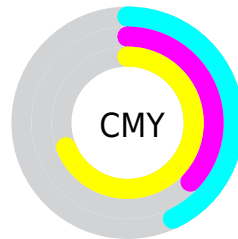


Cyan (9%)

Magenta (0%)

Yellow (52%)

Black (37%)



Cyan (43%)

Magenta (37%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 92A14E 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 92A14E by changing the saturation by 10% instead.



 92A14E

 92A14E

FFFFFF

 778735

 C9D881

 5D6D1C

 E6F49C

 445500

 FFFFB7

 2D3E00

 FFFFD3

 132800

 FFFFF0

 001400

 000000

 92A14E

 92A14E

 8FA13E

 95A15E

 8CA12E

 98A16E

 89A11E

 9BA17E

 86A10E

 9EA18E

 84A100

 A1A19F

 A3A1AF

 A6A1BF

 A9A1CF

 ACA1DF

# Harmonies

## Analogous

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



B99549



92A14E



62A969

# Triad

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



92A14E



00AAD9



DF79A4

# Complementary

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



92A14E



5D4EA1

# 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.



C383C9



92A14E



3EA0E9

# Square

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



92A14E



00AEB9



9092E3



E57B7C

# Rectangle

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



92A14E



36AD82



9092E3



D97BB1



# Sweetspot

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



92A14E



CBD1B2



A15C4E



656956



E8E8E8



696969



# Same Dimension

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



92A14E



BAD14F



6AA14E



505249



779100



0F1200



# Inverse Universe

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



5D4EA1



674FD1



854EA1



4B4952



1A0091



030012



# Previews

## White Background



This preview shows how the Hex color 92A14E looks on a white background.

## Color Contrast Check

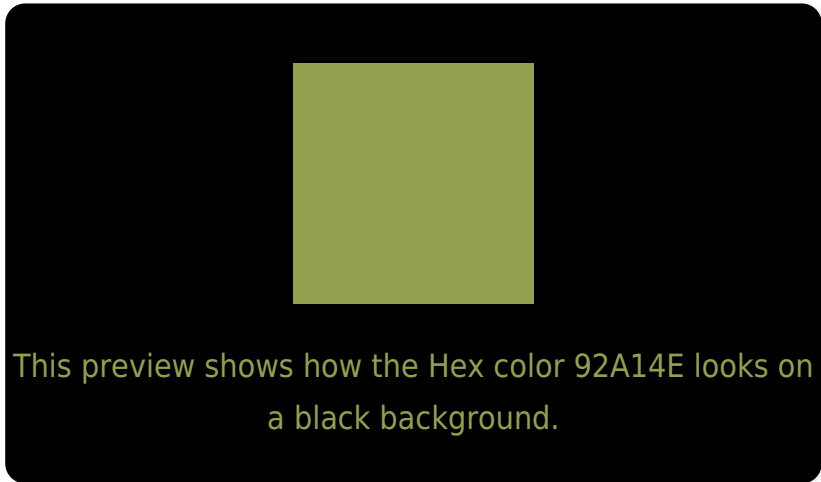
Large Text (above 18pt) WCAG AA × Fail

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

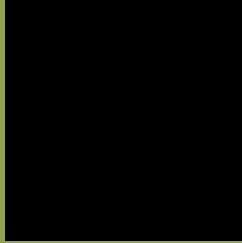
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 92A14E Background



This preview shows how black text looks on a background with the Hex color 92A14E.



This preview shows how white text looks on a background with the Hex color 92A14E.

# 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**  
92A14E

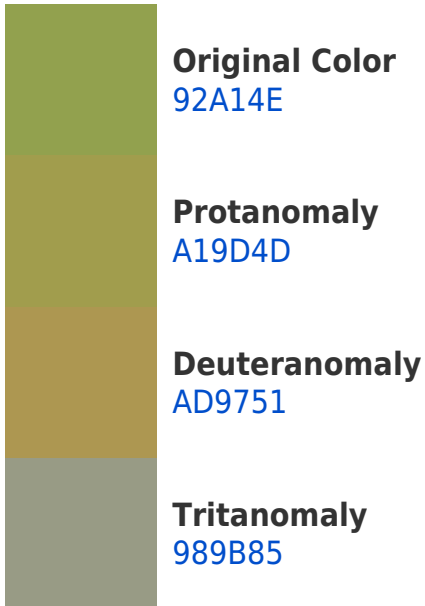
**Protanopia**  
AA9A4C

**Deuteranopia**  
BC9252

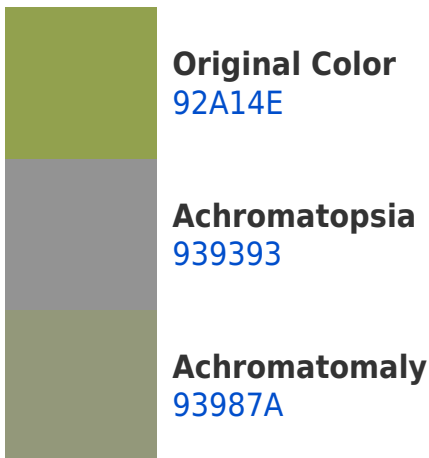


**Tritanopia**  
9C98A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 92A14E 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 #92A14E looks like.

```
.text, #text, p{  
    color:#92A14E  
}
```

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 #92A14E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #92A14E
}
```

## Border

The CSS property to change the border of an element to Hex 92A14E 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
#92A14E }
```

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

```
.border{ border-color:#92A14E }
```

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

Here you see how a box with a 4 pixel #92A14E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #92A14E; -webkit-box-shadow:4px 4px  
4px 4px #92A14E; box-shadow:4px 4px 4px  
4px #92A14E }
```

# Background

The CSS property to change the background color of an element to Hex 92A14E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#92A14E }
```

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

```
.background{ background-color:#92A14E }
```

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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