

Converting Colors

Hex(91A740)

Have a look what the booklet for
Hex(91A740) contains.

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Color

Hex(91A740)

Conversions

Conversions Part 1

Format	Color
Hex	91A740
RGB	145, 167, 64
RGB Percent	57%, 65%, 25%
CMY	0.4314, 0.3451, 0.7490
CMYK	0.13, 0.00, 0.62, 0.35
HSL	73°, 45%, 45%
HSV	73°, 62%, 65%
XYZ	26.4212, 34.0273, 10.0259
YIQ	148.6800, 19.9510, -36.6970

Conversions

Conversions Part 2

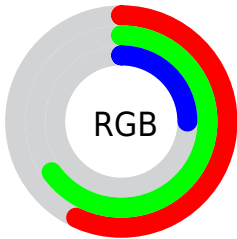
Format	Color
RYB	64, 167, 86
Decimal	9545536
CIELab	64.98, -22.75, 49.31
CIELCh	65, 54.310, 114.767
Yxy	34.0273, 0.3749, 0.4828
Android (android.graphics.Color)	4287735616 (0xFF91A740)
YUV	148.6800, -41.7472, -3.2274
Hunter-Lab	58.3330, -21.2333, 30.6427

Details

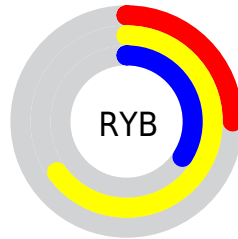
The Hex color **91A740** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5640A7**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **C9DE74**, and **5C7304** is the 20% darker color. If you saturate the color by 10%, you get **8DA72F**, and if you desaturate by 10%, it is **95A751**.

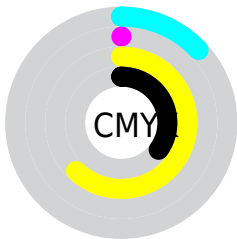
Distribution



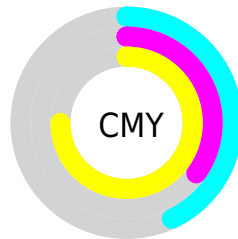
- Red (57%)
- Green (65%)
- Blue (25%)



- Red (25%)
- Yellow (65%)
- Blue (34%)



- Cyan (13%)
- Magenta (0%)
- Yellow (62%)
- Black (35%)



- Cyan (43%)
- Magenta (35%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 91A740 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 91A740 by changing the saturation by 10% instead.

 91A740

 91A740

FFFFFF

 768D26

 C9DE74

 5C7304

 E6FB8F

 425A00

 FFFFAA

 294300

 FFFFC6

 0E2D00

 FFFFEE

 001A00

 000000

 91A740

 91A740

 8DA72F

 95A751

■ 8AA71F

■ 98A761

■ 86A70E

■ 9CA772

■ 83A700

■ 9FA783

■ A3A793

■ A6A7A4

■ AAA7B5

■ AEA7C6

■ B1A7D6

Harmonies

Analogous

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



C09838



91A740



54B163

Triad

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



91A740



00B1EC



F273A8

Complementary

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



91A740



5640A7

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.



D181D6



91A740



00A6FE

Square

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



91A740



00B5C5



9294F6



F77678

Rectangle

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



91A740



00B482



9294F6



EA76B9

Sweetspot

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



91A740



D0D9B0



A75540



686E54



EDEDED



6E6E6E

Same Dimension

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



91A740



B6D938



5FA740



52544C



749400



101400

Inverse Universe

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



5640A7



5B38D9



8840A7



4E4C54



200094



040014

Previews

White Background



This preview shows how the Hex color 91A740 looks on a white background.

Color Contrast Check

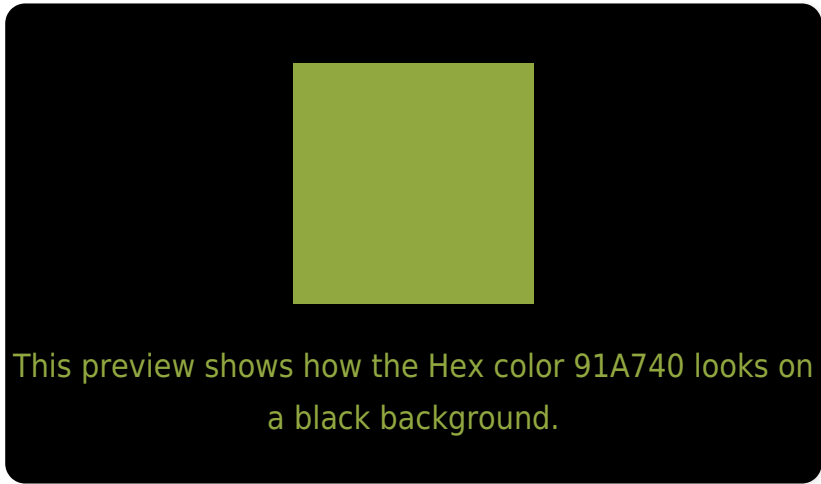
Large Text (above 18pt) WCAG AA × Fail

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 91A740 Background



This preview shows how black text looks on a background with the Hex color 91A740.

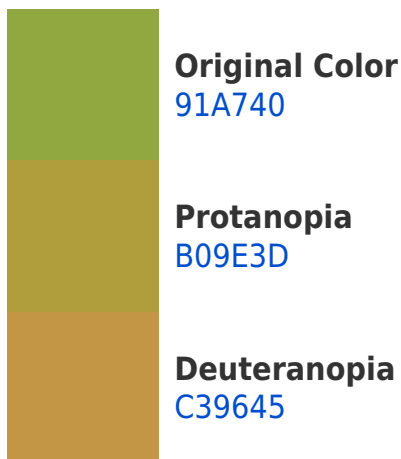


This preview shows how white text looks on a background with the Hex color 91A740.

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](#).

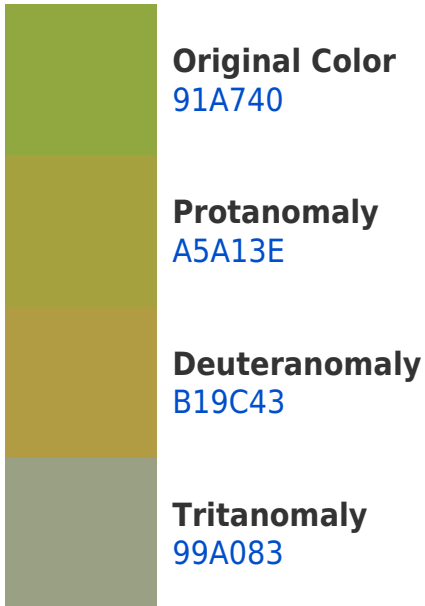
Dichromacy





Tritanopia
9D9CA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 91A740 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 #91A740 looks like.

```
.text, #text, p{  
    color:#91A740  
}
```

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 #91A740 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91A740
}
```

Border

The CSS property to change the border of an element to Hex 91A740 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
#91A740 }
```

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

```
.border{ border-color:#91A740 }
```

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

Here you see how a box with a 4 pixel #91A740 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91A740; -webkit-box-shadow:4px 4px  
4px 4px #91A740; box-shadow:4px 4px 4px  
4px #91A740 }
```

Background

The CSS property to change the background color of an element to Hex 91A740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91A740 }
```

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

```
.background{ background-color:#91A740 }
```

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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