

Converting Colors

Hex(93AA61)

Have a look what the booklet for
Hex(93AA61) contains.

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Color

Hex(93AA61)

Conversions

Conversions Part 1

Format	Color
Hex	93AA61
RGB	147, 170, 97
RGB Percent	58%, 67%, 38%
CMY	0.4235, 0.3333, 0.6196
CMYK	0.14, 0.00, 0.43, 0.33
HSL	79°, 30%, 52%
HSV	79°, 43%, 67%
XYZ	28.5650, 35.8156, 16.7168
YIQ	154.8010, 9.7250, -27.5790

Conversions

Conversions Part 2

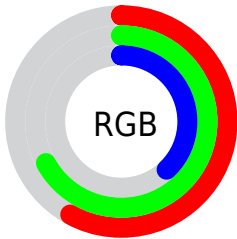
Format	Color
RYB	97, 170, 120
Decimal	9677409
CIELab	66.38, -20.17, 34.94
CIELCh	66, 40.341, 119.991
Yxy	35.8156, 0.3522, 0.4416
Android (android.graphics.Color)	4287867489 (0xFF93AA61)
YUV	154.8010, -28.4959, -6.8415
Hunter-Lab	59.8461, -19.5312, 25.3308

Details

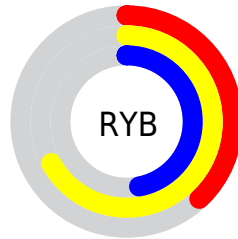
The Hex color **93AA61** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7861AA**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **CAE195**, and **5F7630** is the 20% darker color. If you saturate the color by 10%, you get **8EAA50**, and if you desaturate by 10%, it is **98AA72**.

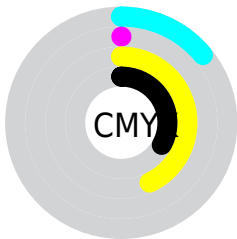
Distribution



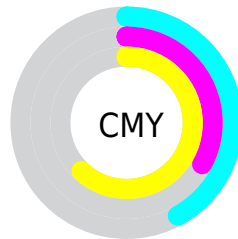
- Red (58%)
- Green (67%)
- Blue (38%)



- Red (38%)
- Yellow (67%)
- Blue (47%)



- Cyan (14%)
- Magenta (0%)
- Yellow (43%)
- Black (33%)



- Cyan (42%)
- Magenta (33%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93AA61 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 93AA61 by changing the saturation by 10% instead.



93AA61



93AA61

FFFFFF



798F48



CAE195



5F7630



E7FEB0



465D18



FFFFCC



2E4500



FFFFE8



172F00



001C00



000000



93AA61



93AA61



8EAA50



98AA72

88AA3F

9EAA83

83AA2E

A3AA94

7EAA1D

A8AAA5

78AA0C

AEAA86

74AA00

B3AAC7

B8AAD8

BEAAE9

C3AAFA

Harmonies

Analogous

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



B89F58



93AA61



67B17C

Triad

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



93AA61



00AFDF



E484A3

Complementary

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



93AA61



7861AA

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.



CF8BC6



93AA61



69A5E9

Square

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



93AA61



00B4C4



A598E0



E6887F

Rectangle

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



93AA61



42B494



A598E0



DF86AF

Sweetspot

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



93AA61



D5DEC1



AA7761



6B705E



F0F0F0



707070

Same Dimension

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



93AA61



BADE6A



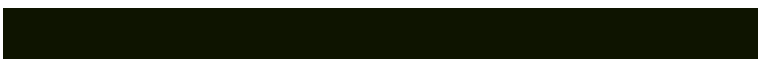
70AA61



51544C



659400



0E1400

Inverse Universe

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



7861AA



8F6ADE



9B61AA



4E4C54



2F0094



060014

Previews

White Background



This preview shows how the Hex color 93AA61 looks on a white background.

Color Contrast Check

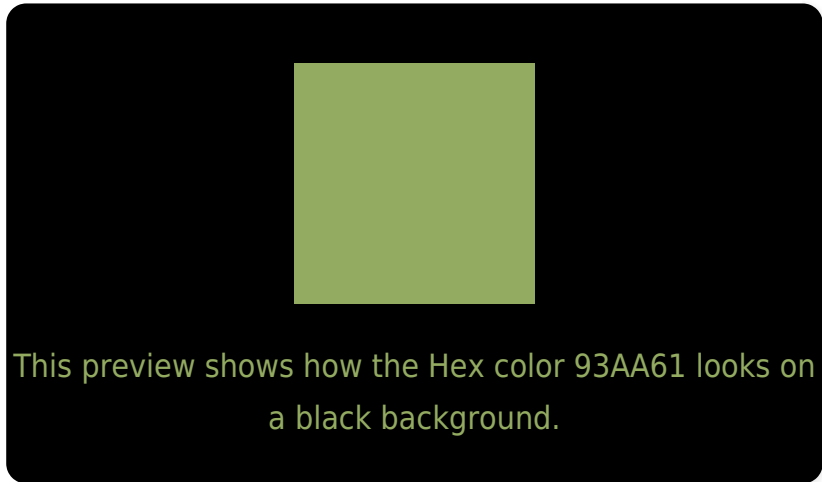
Large Text (above 18pt) WCAG AA × Fail

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

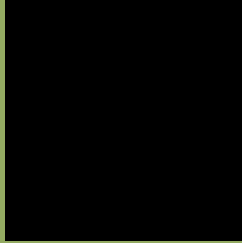
Any Text WCAG AA ✓ Pass

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 93AA61 Background



This preview shows how black text looks on a background with the Hex color 93AA61.

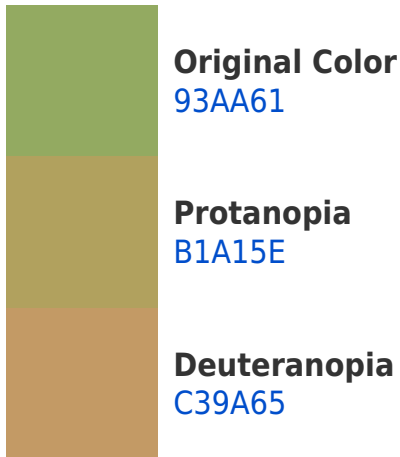


This preview shows how white text looks on a background with the Hex color 93AA61.

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](#).

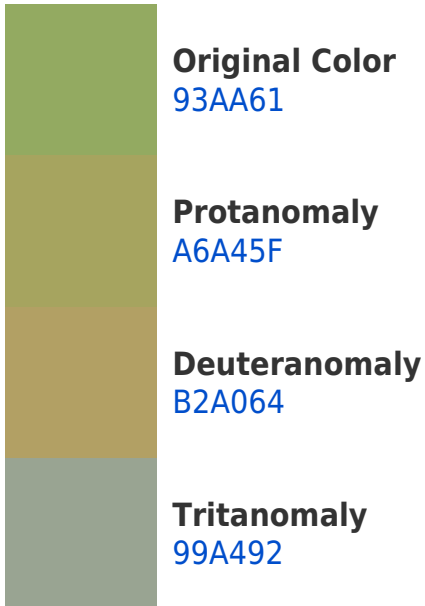
Dichromacy



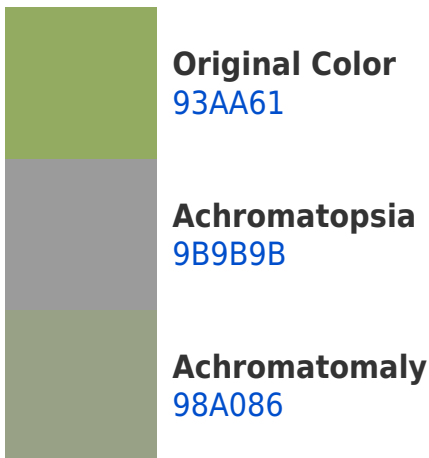


Tritanopia
9DA1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 93AA61 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 #93AA61 looks like.

```
.text, #text, p{  
    color:#93AA61  
}
```

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 #93AA61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93AA61
}
```

Border

The CSS property to change the border of an element to Hex 93AA61 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
#93AA61 }
```

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

```
.border{ border-color:#93AA61 }
```

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

Here you see how a box with a 4 pixel #93AA61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93AA61; -webkit-box-shadow:4px 4px  
4px 4px #93AA61; box-shadow:4px 4px 4px  
4px #93AA61 }
```

Background

The CSS property to change the background color of an element to Hex 93AA61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93AA61 }
```

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

```
.background{ background-color:#93AA61 }
```

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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