

Converting Colors

Hex(93AE6D)

Have a look what the booklet for
Hex(93AE6D) contains.

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Color

Hex(93AE6D)

Conversions

Conversions Part 1

Format	Color
Hex	93AE6D
RGB	147, 174, 109
RGB Percent	58%, 68%, 43%
CMY	0.4235, 0.3176, 0.5725
CMYK	0.16, 0.00, 0.37, 0.32
HSL	85°, 29%, 55%
HSV	85°, 37%, 68%
XYZ	29.9290, 37.5793, 20.1441
YIQ	158.5170, 4.7730, -25.9390

Conversions

Conversions Part 2

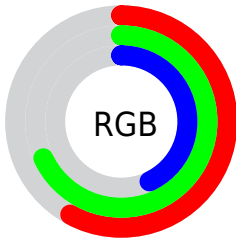
Format	Color
RYB	109, 174, 136
Decimal	9678445
CIELab	67.71, -20.65, 30.36
CIELCh	68, 36.723, 124.222
Yxy	37.5793, 0.3415, 0.4287
Android (android.graphics.Color)	4287868525 (0xFF93AE6D)
YUV	158.5170, -24.4119, -10.1004
Hunter-Lab	61.3019, -20.1307, 23.4284

Details

The Hex color **93AE6D** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **886DAE**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **CAE6A1**, and **5F7A3C** is the 20% darker color. If you saturate the color by 10%, you get **8CAE5C**, and if you desaturate by 10%, it is **9AAE7E**.

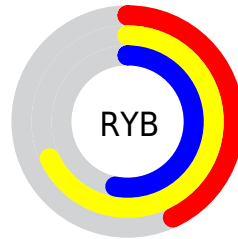
Distribution



Red (58%)

Green (68%)

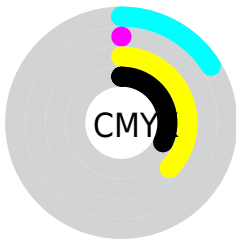
Blue (43%)



Red (43%)

Yellow (68%)

Blue (53%)

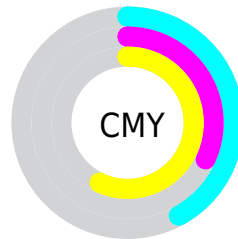


Cyan (16%)

Magenta (0%)

Yellow (37%)

Black (32%)



Cyan (42%)

Magenta (32%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93AE6D 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 93AE6D by changing the saturation by 10% instead.

 93AE6D

 93AE6D

FFFFFF

 799354

 CAE6A1

 5F7A3C

 E6FFBD

 466125

 FFFFD8

 2F490D

 FFFFF5

 193200

 001E00

 000000

 93AE6D

 93AE6D

 8CAE5C

 9AAE7E

 85AE4A

 A1AE90

 7DAE39

 A9AEA1

 76AE27

 B0AEB3

 6FAE16

 B7AEC4

 68AE05

 BEAED5

 66AE00

 C6AEE7

 CDAEF8

 D4AEFF

Harmonies

Analogous

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



B6A462



93AE6D



6BB487

Triad

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



93AE6D



42B0E0



E48BA1

Complementary

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



93AE6D



886DAE

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.



D390C2



93AE6D



7DA7E7

Square

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



93AE6D



14B5C9



AF9BDC



E38F81

Rectangle

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



93AE6D



4DB69D



AF9BDC



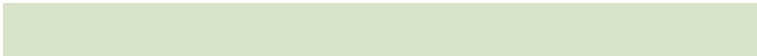
E08CAD

Sweetspot

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



93AE6D



D9E3CA



AE876D



6D7364



F2F2F2



737373

Same Dimension

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



93AE6D



B9E37D



73AE6D



53574E



589600



0D1700

Inverse Universe

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



886DAE



A77DE3



A86DAE



524E57



3E0096



0A0017

Previews

White Background



This preview shows how the Hex color 93AE6D looks on a white background.

Color Contrast Check

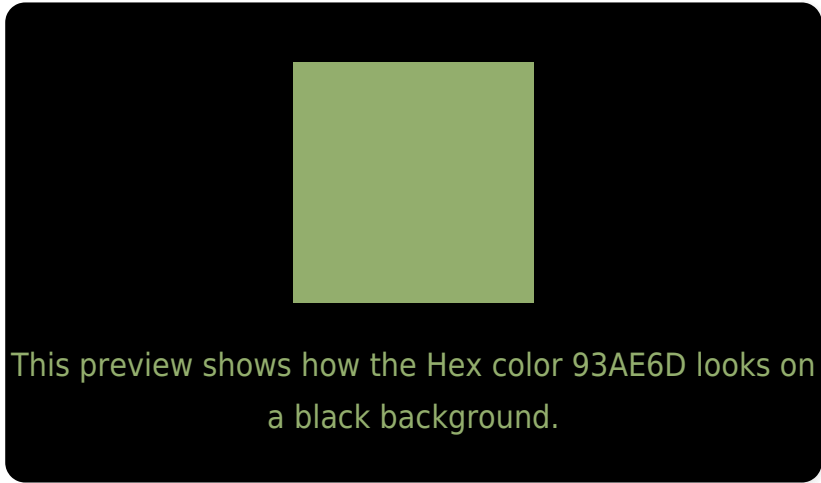
Large Text (above 18pt) WCAG AA × Fail

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

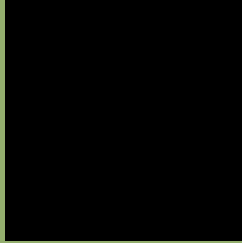
Any Text WCAG AA ✓ Pass

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 93AE6D Background



This preview shows how black text looks on a background with the Hex color 93AE6D.

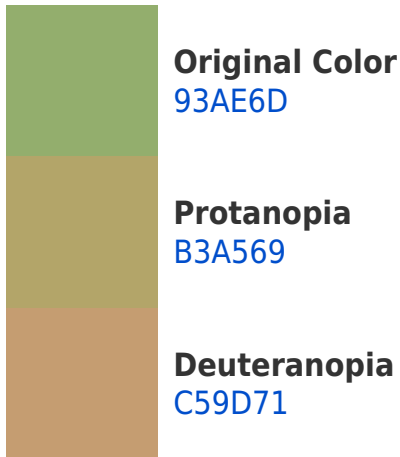


This preview shows how white text looks on a background with the Hex color 93AE6D.

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](#).

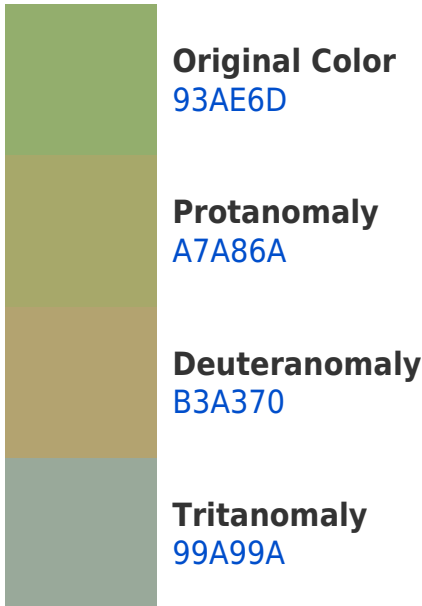
Dichromacy



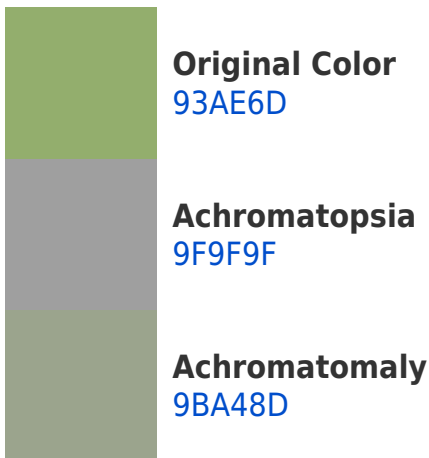


Tritanopia
9DA6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 93AE6D 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 #93AE6D looks like.

```
.text, #text, p{  
    color:#93AE6D  
}
```

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 #93AE6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93AE6D
}
```

Border

The CSS property to change the border of an element to Hex 93AE6D 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
#93AE6D }
```

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

```
.border{ border-color:#93AE6D }
```

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

Here you see how a box with a 4 pixel #93AE6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93AE6D; -webkit-box-shadow:4px 4px  
4px 4px #93AE6D; box-shadow:4px 4px 4px  
4px #93AE6D }
```

Background

The CSS property to change the background color of an element to Hex 93AE6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93AE6D }
```

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

```
.background{ background-color:#93AE6D }
```

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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