

Converting Colors

Hex(93C969)

Have a look what the booklet for
Hex(93C969) contains.

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Color

Hex(93C969)

Conversions

Conversions Part 1

Format	Color
Hex	93C969
RGB	147, 201, 105
RGB Percent	58%, 79%, 41%
CMY	0.4235, 0.2118, 0.5882
CMYK	0.27, 0.00, 0.48, 0.21
HSL	94°, 47%, 60%
HSV	94°, 48%, 79%
XYZ	35.4691, 48.9963, 20.9524
YIQ	173.9100, -1.3680, -41.3040

Conversions

Conversions Part 2

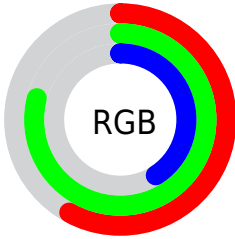
Format	Color
RYB	105, 201, 159
Decimal	9685353
CIELab	75.45, -34.20, 42.20
CIElCh	75, 54.322, 129.020
Yxy	48.9963, 0.3365, 0.4648
Android (android.graphics.Color)	4287875433 (0xFF93C969)
YUV	173.9100, -33.9726, -23.6001
Hunter-Lab	69.9973, -32.0457, 31.2508

Details

The Hex color **93C969** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **9F69C9**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **CBFF9E**, and **5D9336** is the 20% darker color. If you saturate the color by 10%, you get **88C955**, and if you desaturate by 10%, it is **9EC97D**.

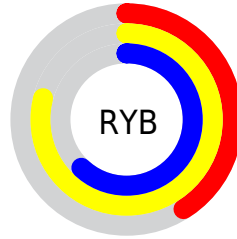
Distribution



Red (58%)

Green (79%)

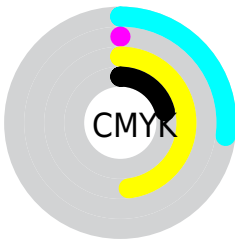
Blue (41%)



Red (41%)

Yellow (79%)

Blue (62%)

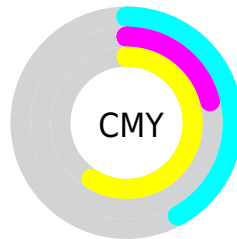


Cyan (27%)

Magenta (0%)

Yellow (48%)

Black (21%)



Cyan (42%)

Magenta (21%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93C969 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 93C969 by changing the saturation by 10% instead.

 93C969

 93C969

FFFFFF

 78AD4F

 CBFF9E

 5D9336

 E8FFB9

 43791D

 FFFFD6

 285F00

 FFFFF2

 0C4700

 003000

 001C00

 000000

 93C969

 93C969

 88C955

 9EC97D

 7CC941

 AAC991

 71C92D

 B5C9A5

 66C919

 C0C9B9

 5AC905

 CCC9CE

 58C900

 D7C9E2

 E2C9F6

 EDC9FF

 F9C9FF

Harmonies

Analogous

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



C9BC53



93C969



49D194

Triad

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



93C969



00C9FF



FF8FAD

Complementary

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



93C969



9F69C9

Split Complementary

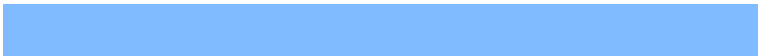
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF95DF



93C969



80BAFF

Square

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



93C969



00D1F8



D2A7FF



FF997D

Rectangle

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



93C969



00D3B7



D2A7FF



FF90BE

Sweetspot

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



93C969



EBFFDB



C99E69



73806A



000000



808080

Same Dimension

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



93C969



A6FF6E



69C96E



5E635A



47A300



102400

Inverse Universe

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



9F69C9



BF6EFF



C969C4



5F5A63



5C00A3



140024

Previews

White Background



This preview shows how the Hex color 93C969 looks on a white background.

Color Contrast Check

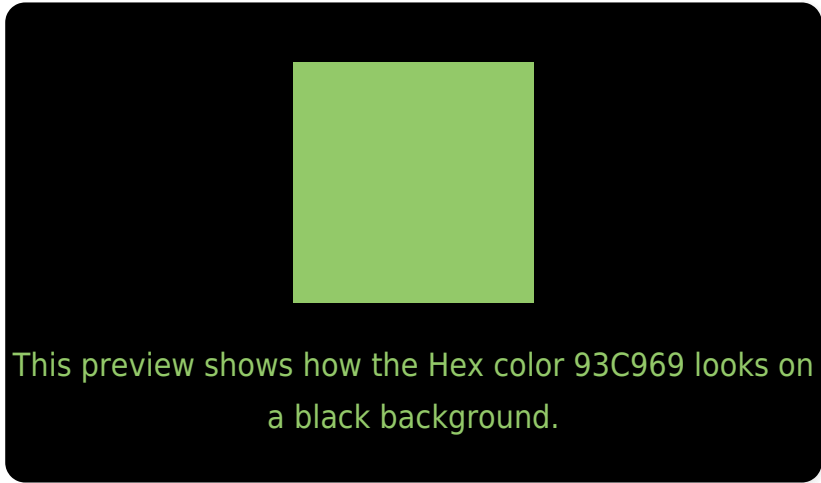
Large Text (above 18pt) WCAG AA × Fail

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 93C969 Background



This preview shows how black text looks on a background with the Hex color 93C969.

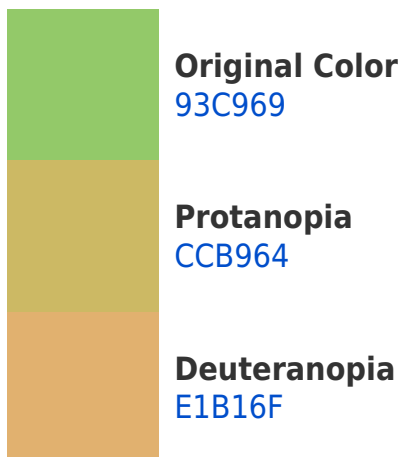


This preview shows how white text looks on a background with the Hex color 93C969.

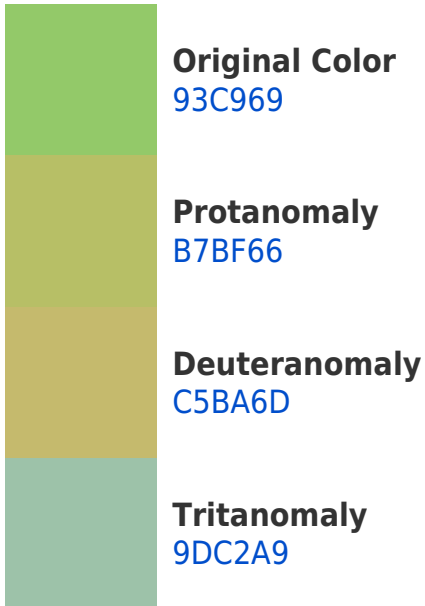
Color Blindness Simulation

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](#).

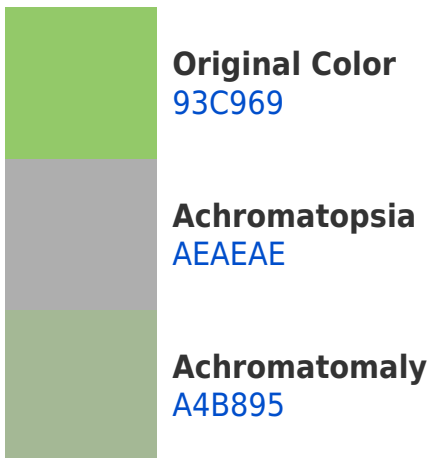
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 93C969 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 #93C969 looks like.

```
.text, #text, p{  
    color:#93C969  
}
```

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 #93C969 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93C969
}
```

Border

The CSS property to change the border of an element to Hex 93C969 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
#93C969 }
```

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

```
.border{ border-color:#93C969 }
```

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

Here you see how a box with a 4 pixel #93C969 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93C969; -webkit-box-shadow:4px 4px  
4px 4px #93C969; box-shadow:4px 4px 4px  
4px #93C969 }
```

Background

The CSS property to change the background color of an element to Hex 93C969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93C969 }
```

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

```
.background{ background-color:#93C969 }
```

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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