

Converting Colors

Hex(93AF68)

Have a look what the booklet for
Hex(93AF68) contains.

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Color

Hex(93AF68)

Conversions

Conversions Part 1

Format	Color
Hex	93AF68
RGB	147, 175, 104
RGB Percent	58%, 69%, 41%
CMY	0.4235, 0.3137, 0.5922
CMYK	0.16, 0.00, 0.41, 0.31
HSL	84°, 31%, 55%
HSV	84°, 41%, 69%
XYZ	29.8613, 37.8625, 18.8310
YIQ	158.5340, 6.1030, -28.0170

Conversions

Conversions Part 2

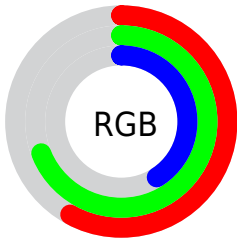
Format	Color
RYB	104, 175, 132
Decimal	9678696
CIELab	67.92, -21.81, 33.26
CIElCh	68, 39.774, 123.260
Yxy	37.8625, 0.3450, 0.4374
Android (android.graphics.Color)	4287868776 (0xFF93AF68)
YUV	158.5340, -26.8853, -10.1153
Hunter-Lab	61.5325, -21.0570, 24.9280

Details

The Hex color **93AF68** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8468AF**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **CAE79C**, and **5F7A37** is the 20% darker color. If you saturate the color by 10%, you get **8CAF56**, and if you desaturate by 10%, it is **9AAF79**.

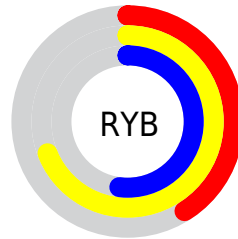
Distribution



Red (58%)

Green (69%)

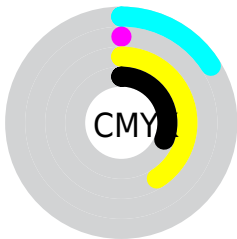
Blue (41%)



Red (41%)

Yellow (69%)

Blue (52%)

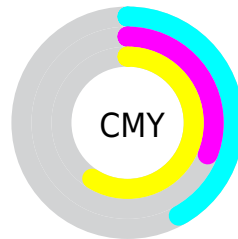


Cyan (16%)

Magenta (0%)

Yellow (41%)

Black (31%)



Cyan (42%)

Magenta (31%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93AF68 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 93AF68 by changing the saturation by 10% instead.



93AF68



93AF68

FFFFFF



79944F



CAE79C



5F7A37



E6FFB7



466120



FFFFD3



2E4A06



FFFFF0



183300



001F00



000000



93AF68



93AF68



8CAF56



9AAF79

85AF45

A1AF8B

7EAF33

A8AF9C

77AF22

AFAFAE

70AF10

B6AFC0

6AAF00

BCAFD1

C3AFE3

CAAFF4

D1AFFF

Harmonies

Analogous

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



B9A55D



93AF68



67B684

Triad

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



93AF68



29B2E5



E989A3

Complementary

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



93AF68



8468AF

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.



D68FC6



93AF68



76A8ED

Square

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



93AF68



00B7CC



AE9BE2



E88D80

Rectangle

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



93AF68



43B89C



AE9BE2



E58AAF

Sweetspot

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



93AF68



D8E3C8



AF8368



6C7363



F2F2F2



737373

Same Dimension

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



93AF68



B7E374



70AF68



53574E



5B9600



0E1700

Inverse Universe

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



8468AF



A074E3



A768AF



514E57



3B0096



090017

Previews

White Background



This preview shows how the Hex color 93AF68 looks on a white background.

Color Contrast Check

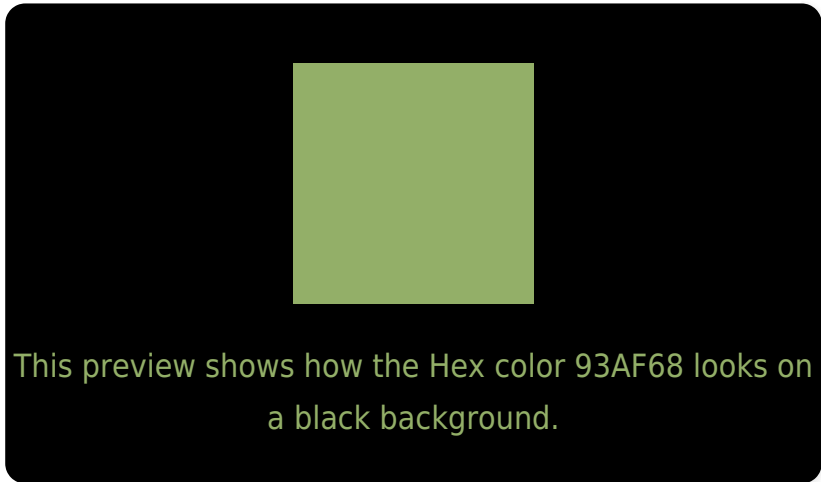
Large Text (above 18pt) WCAG AA × Fail

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

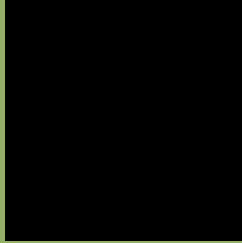
Any Text WCAG AA ✓ Pass

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 93AF68 Background



This preview shows how black text looks on a background with the Hex color 93AF68.



This preview shows how white text looks on a background with the Hex color 93AF68.

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](#).

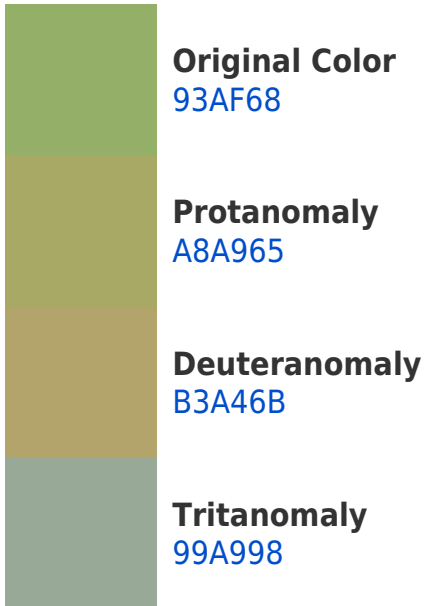
Dichromacy



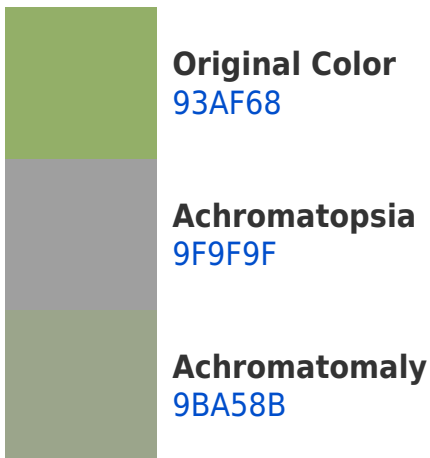


Tritanopia
9DA6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 93AF68 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 #93AF68 looks like.

```
.text, #text, p{  
    color:#93AF68  
}
```

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 #93AF68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93AF68  
}
```

Border

The CSS property to change the border of an element to Hex 93AF68 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  
#93AF68 }
```

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

```
.border{ border-color:#93AF68 }
```

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

Here you see how a box with a 4 pixel #93AF68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93AF68; -webkit-box-shadow:4px 4px  
4px 4px #93AF68; box-shadow:4px 4px 4px  
4px #93AF68 }
```

Background

The CSS property to change the background color of an element to Hex 93AF68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93AF68 }
```

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

```
.background{ background-color:#93AF68 }
```

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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