

Converting Colors

Hex(93B568)

Have a look what the booklet for
Hex(93B568) contains.

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Color

Hex(93B568)

Conversions

Conversions Part 1

Format	Color
Hex	93B568
RGB	147, 181, 104
RGB Percent	58%, 71%, 41%
CMY	0.4235, 0.2902, 0.5922
CMYK	0.19, 0.00, 0.43, 0.29
HSL	86°, 34%, 56%
HSV	86°, 43%, 71%
XYZ	31.0552, 40.2503, 19.2290
YIQ	162.0560, 4.4530, -31.1550

Conversions

Conversions Part 2

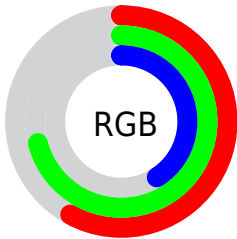
Format	Color
RYB	104, 181, 138
Decimal	9680232
CIELab	69.65, -24.79, 35.46
CIELCh	70, 43.266, 124.961
Yxy	40.2503, 0.3430, 0.4446
Android (android.graphics.Color)	4287870312 (0xFF93B568)
YUV	162.0560, -28.6216, -13.2041
Hunter-Lab	63.4431, -23.6503, 26.4399

Details

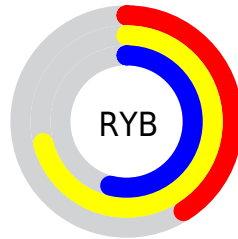
The Hex color **93B568** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **8A68B5**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **CAED9C**, and **5F8037** is the 20% darker color. If you saturate the color by 10%, you get **8BB556**, and if you desaturate by 10%, it is **9BB57A**.

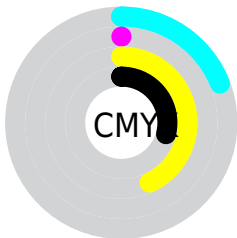
Distribution



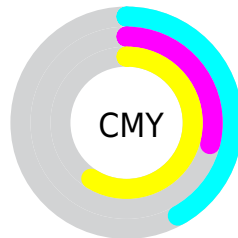
- Red (58%)
- Green (71%)
- Blue (41%)



- Red (41%)
- Yellow (71%)
- Blue (54%)



- Cyan (19%)
- Magenta (0%)
- Yellow (43%)
- Black (29%)



- Cyan (42%)
- Magenta (29%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93B568 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 93B568 by changing the saturation by 10% instead.



93B568



93B568

FFFFFF



789A4F



CAED9C



5F8037



E7FFB8



46671F



FFFFD3



2D4F04



FFFFF0



163700



002200



000000



93B568



93B568



8BB556



9BB57A

 83B544

 A3B58C

 7BB532

 ABB59E

 73B520

 B3B5B0

 6BB50D

 BBB5C3

 65B500

 C3B5D5

 CBB5E7

 D3B5F9

 DBB5FF

Harmonies

Analogous

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



BDAA5A



93B568



61BC88

Triad

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



93B568



09B7F0



F48AA5

Complementary

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



93B568



8A68B5

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.



E090CC



93B568



78ACF8

Square

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



93B568



00BDD6



B79DEB



F2907F

Rectangle

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



93B568



33BEA2



B79DEB



F08BB2

Sweetspot

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



93B568



DDEBCC



B58968



6D7563



F5F5F5



757575

Same Dimension

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



93B568



B6EB73



6DB568



555950



559900



0E1A00

Inverse Universe

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



8A68B5



A873EB



B068B5



545059



440099



0B001A

Previews

White Background



This preview shows how the Hex color 93B568 looks on a white background.

Color Contrast Check

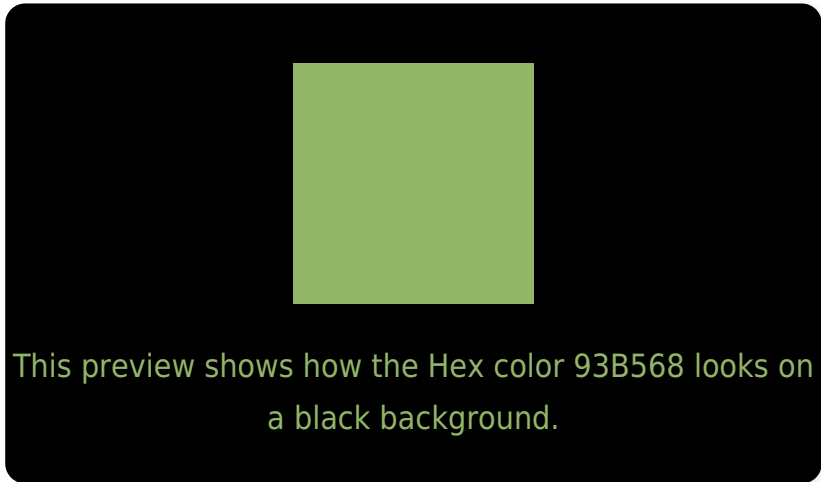
Large Text (above 18pt) WCAG AA × Fail

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 93B568 Background



This preview shows how black text looks on a background with the Hex color 93B568.

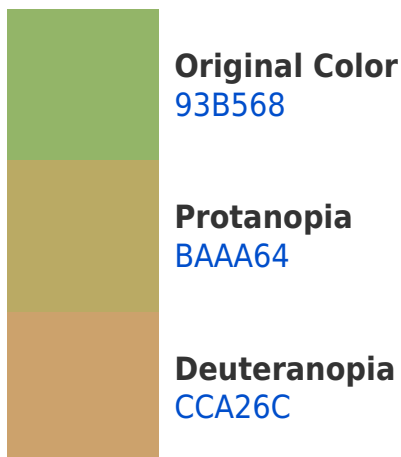


This preview shows how white text looks on a background with the Hex color 93B568.

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](#).

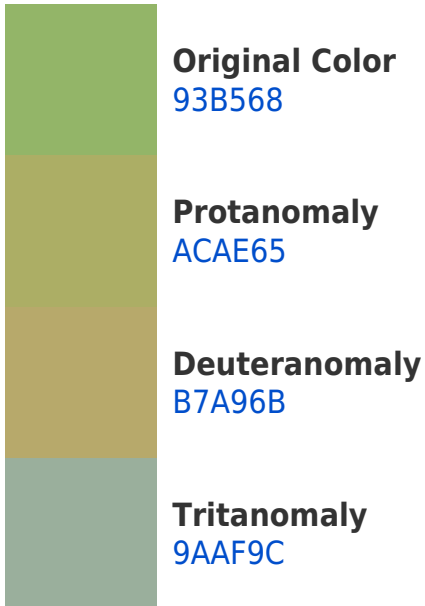
Dichromacy



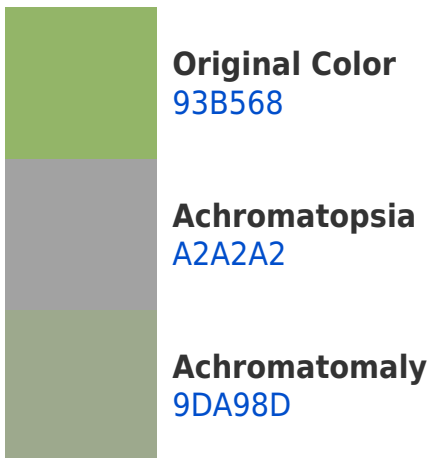


Tritanopia
9EACB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 93B568 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 #93B568 looks like.

```
.text, #text, p{  
    color:#93B568  
}
```

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 #93B568 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93B568
}
```

Border

The CSS property to change the border of an element to Hex 93B568 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
#93B568 }
```

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

```
.border{ border-color:#93B568 }
```

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

Here you see how a box with a 4 pixel #93B568 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93B568; -webkit-box-shadow:4px 4px  
4px 4px #93B568; box-shadow:4px 4px 4px  
4px #93B568 }
```

Background

The CSS property to change the background color of an element to Hex 93B568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93B568 }
```

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

```
.background{ background-color:#93B568 }
```

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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