

Converting Colors

Hex(93B075)

Have a look what the booklet for
Hex(93B075) contains.

Hex(93B075)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(93B075)

Conversions

Conversions Part 1

Format	Color
Hex	93B075
RGB	147, 176, 117
RGB Percent	58%, 69%, 46%
CMY	0.4235, 0.3098, 0.5412
CMYK	0.16, 0.00, 0.34, 0.31
HSL	89°, 27%, 57%
HSV	89°, 34%, 69%
XYZ	30.7688, 38.5381, 22.6465
YIQ	160.6030, 1.6550, -24.4970

Conversions

Conversions Part 2

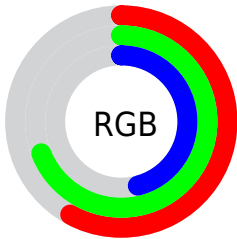
Format	Color
RYB	117, 176, 146
Decimal	9678965
CIELab	68.42, -20.54, 27.05
CIELCh	68, 33.963, 127.219
Yxy	38.5381, 0.3346, 0.4191
Android (android.graphics.Color)	4287869045 (0xFF93B075)
YUV	160.6030, -21.4963, -11.9298
Hunter-Lab	62.0790, -20.1666, 21.8262

Details

The Hex color **93B075** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **9275B0**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **CAE8AA**, and **5F7B44** is the 20% darker color. If you saturate the color by 10%, you get **8AB063**, and if you desaturate by 10%, it is **9CB087**.

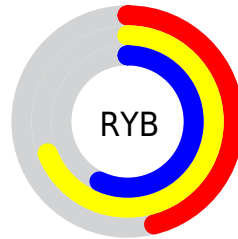
Distribution



Red (58%)

Green (69%)

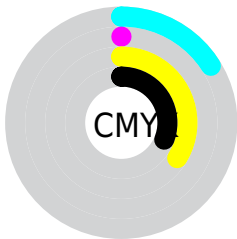
Blue (46%)



Red (46%)

Yellow (69%)

Blue (57%)

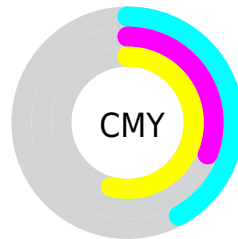


Cyan (16%)

Magenta (0%)

Yellow (34%)

Black (31%)



Cyan (42%)

Magenta (31%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93B075 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 93B075 by changing the saturation by 10% instead.



93B075



93B075

FFFFFF



79955C



CAE8AA



5F7B44



E6FFC5



47622D



FFFFE1



2F4A16

FFFFFFE



193400



001F00



000000



93B075



93B075



8AB063



9CB087

 82B052

 A4B098

 79B040

 ADB0AA

 70B02F

 B6B0BB

 68B01D

 BEB0CD

 5FB00B

 C7B0DF

 59B000

 D0B0F0

 D8B0FF

 E1B0FF

Harmonies

Analogous

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



B4A769



93B075



6EB68E

Triad

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



93B075



57B0DF



E38FA0

Complementary

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



93B075



9275B0

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.



D493BF



93B075



88A7E3

Square

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



93B075



37B6CB



B49CD8



E09383

Rectangle

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



93B075



55B7A3



B49CD8



E090AB

Sweetspot

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



93B075



DAE6CF



B09275



6C7365



F2F2F2



737373

Same Dimension

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



93B075



B8E68A



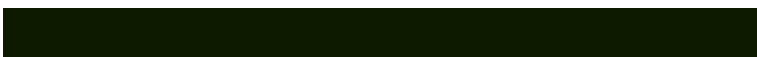
76B075



555950



4E9900



0D1A00

Inverse Universe

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



9275B0



B78AE6



AF75B0



555059



4B0099



0D001A

Previews

White Background



This preview shows how the Hex color 93B075 looks on a white background.

Color Contrast Check

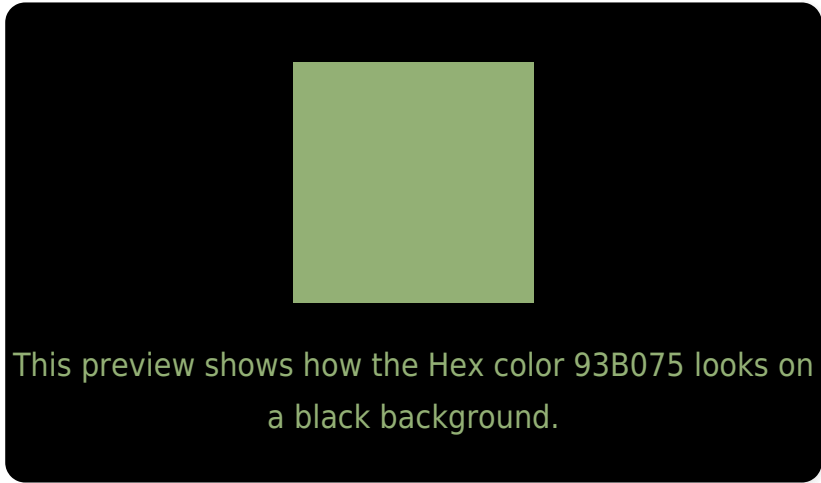
Large Text (above 18pt) WCAG AA × Fail

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 93B075 Background



This preview shows how black text looks on a background with the Hex color 93B075.



This preview shows how white text looks on a background with the Hex color 93B075.

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



Original Color
93B075

Protanopia
B4A671

Deuteranopia
C59F79



Tritanopia
9CA8B5

Trichromacy



Original Color
93B075

Protanomaly
A8AA72

Deuteranomaly
B3A578

Tritanomaly
99AB9E

Monochromacy



Original Color
93B075

Achromatopsia
A1A1A1

Achromatomaly
9CA691

CSS Examples

Text

The CSS property to change the color of the text to Hex 93B075 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 #93B075 looks like.

```
.text, #text, p{  
    color:#93B075  
}
```

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 #93B075 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93B075
}
```

Border

The CSS property to change the border of an element to Hex 93B075 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
#93B075 }
```

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

```
.border{ border-color:#93B075 }
```

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

Here you see how a box with a 4 pixel #93B075 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93B075; -webkit-box-shadow:4px 4px  
4px 4px #93B075; box-shadow:4px 4px 4px  
4px #93B075 }
```

Background

The CSS property to change the background color of an element to Hex 93B075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93B075 }
```

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

```
.background{ background-color:#93B075 }
```

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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