

# Converting Colors

Hex(93B172)

Have a look what the booklet for  
Hex(93B172) contains.

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**Color**

**Hex(93B172)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	93B172
RGB	147, 177, 114
RGB Percent	58%, 69%, 45%
CMY	0.4235, 0.3059, 0.5529
CMYK	0.17, 0.00, 0.36, 0.31
HSL	89°, 29%, 57%
HSV	89°, 36%, 69%
XYZ	30.7920, 38.8622, 21.7978
YIQ	160.8480, 2.3430, -25.9530

# Conversions

## Conversions Part 2

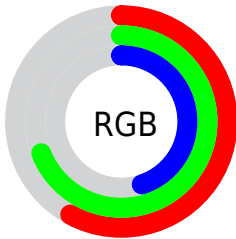
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 177, 144
Decimal	9679218
CIELab	68.65, -21.47, 28.95
CIELCh	69, 36.047, 126.565
Yxy	38.8622, 0.3367, 0.4249
Android (android.graphics.Color)	4287869298 (0xFF93B172)
YUV	160.8480, -23.0961, -12.1447
Hunter-Lab	62.3396, -20.9259, 22.9062

# Details

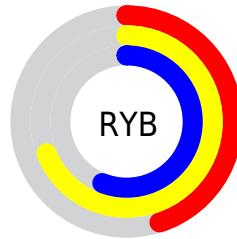
The Hex color **93B172** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **9072B1**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **CAE9A6**, and **5F7C41** is the 20% darker color. If you saturate the color by 10%, you get **8BB160**, and if you desaturate by 10%, it is **9BB184**.

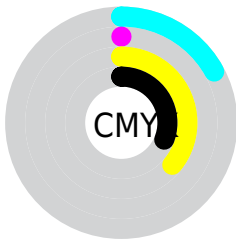
# Distribution



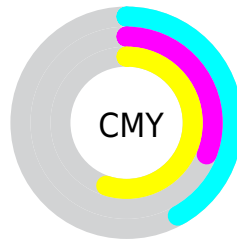
- Red (58%)
- Green (69%)
- Blue (45%)



- Red (45%)
- Yellow (69%)
- Blue (56%)



- Cyan (17%)
- Magenta (0%)
- Yellow (36%)
- Black (31%)



- Cyan (42%)
- Magenta (31%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93B172 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 93B172 by changing the saturation by 10% instead.





93B172



93B172

FFFFFF



799659



CAE9A6



5F7C41



E6FFC2



47632A



FFFFDE



2F4B13



FFFFFB



193400



002000



000000



93B172



93B172



8BB160



9BB184

 82B14F

 A4B195

 7AB13D

 ACB1A7

 71B12B

 B5B1B9

 69B11A

 BDB1CB

 60B108

 C6B1DC

 5DB100

 CEB1EE

 D6B1FF

 DFB1FF

# Harmonies

## Analogous

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



B6A866



93B172



6BB78C

# Triad

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



93B172



4DB2E3



E68EA1

# Complementary

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



93B172



9072B1

# 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.



D792C2



93B172



85A8E8

# Square

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



93B172



25B7CD



B59CDC



E49382

# Rectangle

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



93B172



4FB9A2



B59CDC



E38FAD



# Sweetspot

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



93B172



D9E6CC



B18F72



6C7364



F2F2F2



737373



# Same Dimension

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



93B172



B7E683



74B172



555950



509900



0D1A00



# Inverse Universe

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



9072B1



B283E6



AF72B1



555059



490099



0C001A



# Previews

## White Background



This preview shows how the Hex color 93B172 looks on a white background.

## Color Contrast Check

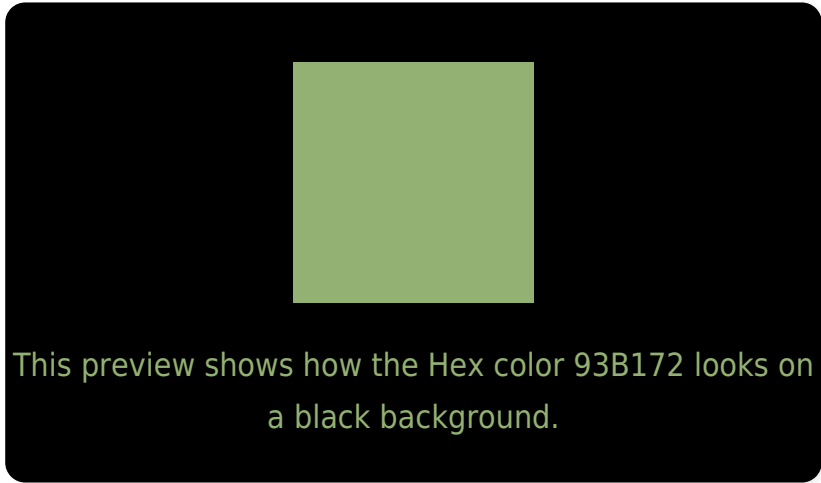
Large Text (above 18pt) WCAG AA × Fail

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

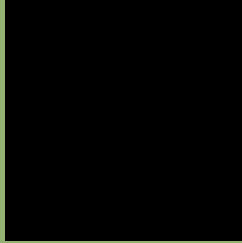
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 93B172 Background



This preview shows how black text looks on a background with the Hex color 93B172.

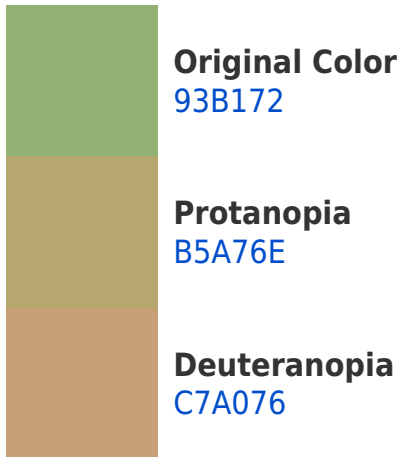


This preview shows how white text looks on a background with the Hex color 93B172.

# 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](#).

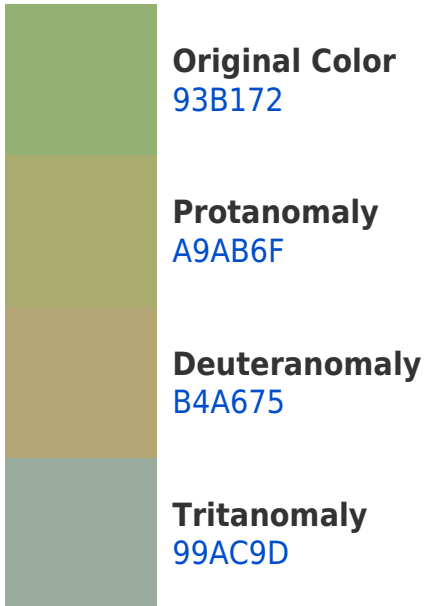
## Dichromacy



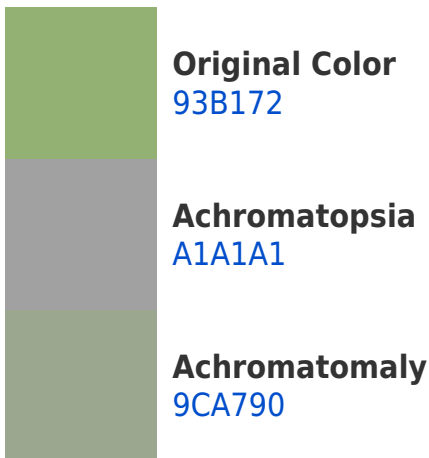


**Tritanopia**  
9DA9B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93B172 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 #93B172 looks like.

```
.text, #text, p{  
    color:#93B172  
}
```

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 #93B172 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93B172
}
```

## Border

The CSS property to change the border of an element to Hex 93B172 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
#93B172 }
```

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

```
.border{ border-color:#93B172 }
```

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

Here you see how a box with a 4 pixel #93B172 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93B172; -webkit-box-shadow:4px 4px  
4px 4px #93B172; box-shadow:4px 4px 4px  
4px #93B172 }
```

# Background

The CSS property to change the background color of an element to Hex 93B172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93B172 }
```

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

```
.background{ background-color:#93B172 }
```

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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