

# Converting Colors

Hex(93B488)

Have a look what the booklet for  
Hex(93B488) contains.

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# **Color**

**Hex(93B488)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	93B488
RGB	147, 180, 136
RGB Percent	58%, 71%, 53%
CMY	0.4235, 0.2941, 0.4667
CMYK	0.18, 0.00, 0.24, 0.29
HSL	105°, 23%, 62%
HSV	105°, 24%, 71%
XYZ	32.7978, 40.6231, 29.4050
YIQ	165.1170, -5.5440, -20.6800

# Conversions

## Conversions Part 2

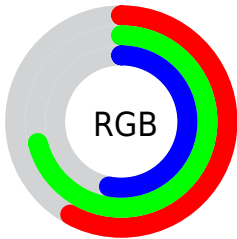
<b>Format</b>	<b>Color</b>
<b>RYB</b>	136, 180, 169
Decimal	9680008
CIELab	69.91, -19.60, 18.85
CIElCh	70, 27.194, 136.128
Yxy	40.6231, 0.3190, 0.3951
Android (android.graphics.Color)	4287870088 (0xFF93B488)
YUV	165.1170, -14.3547, -15.8886
Hunter-Lab	63.7363, -19.6848, 17.2617

# Details

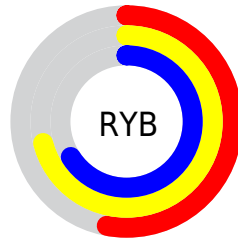
The Hex color **93B488** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **A988B4**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **C9ECBD**, and **607F56** is the 20% darker color. If you saturate the color by 10%, you get **85B476**, and if you desaturate by 10%, it is **A1B49A**.

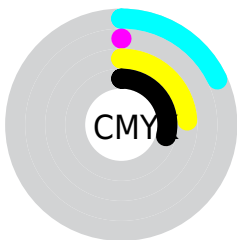
# Distribution



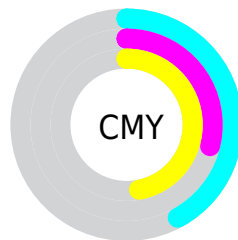
- Red (58%)
- Green (71%)
- Blue (53%)



- Red (53%)
- Yellow (71%)
- Blue (66%)



- Cyan (18%)
- Magenta (0%)
- Yellow (24%)
- Black (29%)



- Cyan (42%)
- Magenta (29%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93B488 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 93B488 by changing the saturation by 10% instead.





93B488



93B488

FFFFFF



79996F



C9ECBD



607F56



E6FFD9



47663E



FFFFF6



304E28



193713



042100



000000



93B488



93B488



85B476



A1B49A

 78B464

 AEB4AC

 6AB452

 BCB4BE

 5DB440

 C9B4D0

 4FB42E

 D7B4E2

 42B41C

 E4B4F4

 34B40A

 F2B4FF

 2DB400

 FFB4FF

# Harmonies

## Analogous

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



AFAE7B



93B488



77B89E

# Triad

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



93B488



7CB1DA



DD999E

# Complementary

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



93B488



A988B4

# 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.



D59AB7



93B488



9FA9DA

# Square

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



93B488



63B6CE



BFA0CD



D89E88

# Rectangle

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



93B488



68B9AF



BFA0CD



DC99A7



# Sweetspot

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



93B488



DEEBDA



B4A988



6E756C



F5F5F5



757575

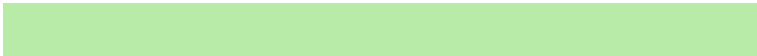


# Same Dimension

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



93B488



B8EBA7



88B493



535950



269900



061A00



# Inverse Universe

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



A988B4



DAA7EB



B488A9



575059



730099



13001A



# Previews

## White Background



This preview shows how the Hex color 93B488 looks on a white background.

## Color Contrast Check

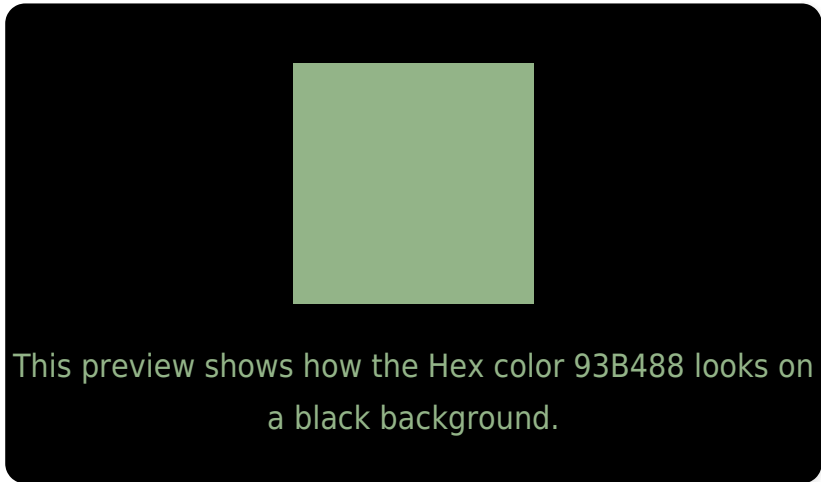
Large Text (above 18pt) WCAG AA × Fail

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

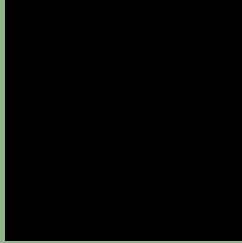
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 93B488 Background



This preview shows how black text looks on a background with the Hex color 93B488.

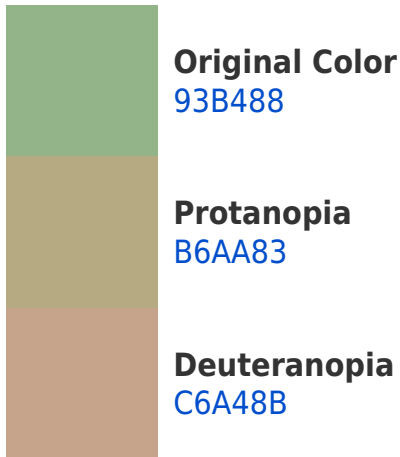


This preview shows how white text looks on a background with the Hex color 93B488.

# 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](#).

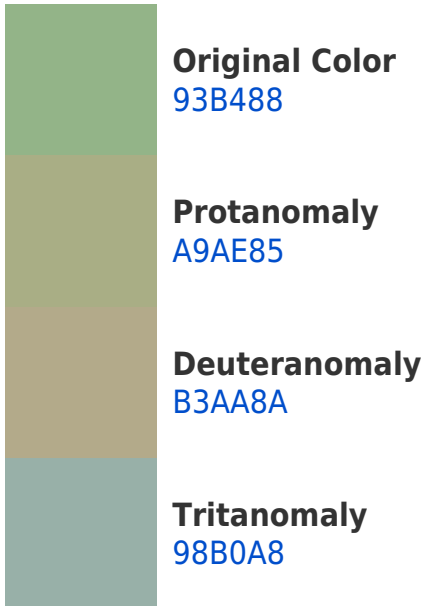
## Dichromacy



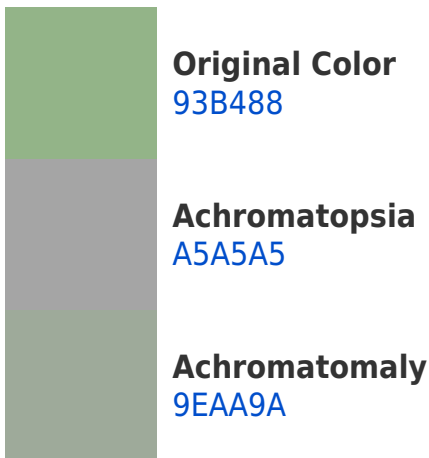


**Tritanopia**  
9BADBB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93B488 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 #93B488 looks like.

```
.text, #text, p{  
    color:#93B488  
}
```

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 #93B488 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93B488
}
```

## Border

The CSS property to change the border of an element to Hex 93B488 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
#93B488 }
```

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

```
.border{ border-color:#93B488 }
```

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

Here you see how a box with a 4 pixel #93B488 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93B488; -webkit-box-shadow:4px 4px  
4px 4px #93B488; box-shadow:4px 4px 4px  
4px #93B488 }
```

# Background

The CSS property to change the background color of an element to Hex 93B488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93B488 }
```

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

```
.background{ background-color:#93B488 }
```

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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