

Converting Colors

Hex(93B791)

Have a look what the booklet for
Hex(93B791) contains.

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Color

Hex(93B791)

Conversions

Conversions Part 1

Format	Color
Hex	93B791
RGB	147, 183, 145
RGB Percent	58%, 72%, 57%
CMY	0.4235, 0.2824, 0.4314
CMYK	0.20, 0.00, 0.21, 0.28
HSL	117°, 21%, 64%
HSV	117°, 21%, 72%
XYZ	34.0769, 42.1144, 33.1209
YIQ	167.9040, -9.2580, -19.4500

Conversions

Conversions Part 2

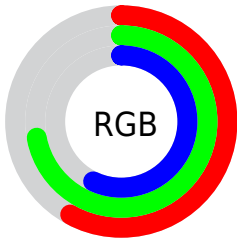
Format	Color
RYB	145, 183, 181
Decimal	9680785
CIELab	70.95, -19.58, 15.41
CIELCh	71, 24.914, 141.802
Yxy	42.1144, 0.3117, 0.3853
Android (android.graphics.Color)	4287870865 (0xFF93B791)
YUV	167.9040, -11.2917, -18.3328
Hunter-Lab	64.8956, -19.8361, 15.1669

Details

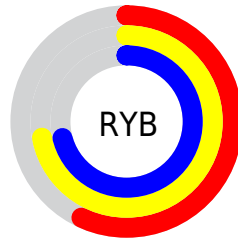
The Hex color **93B791** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B591B7**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **C9EFC7**, and **60825E** is the 20% darker color. If you saturate the color by 10%, you get **82B77F**, and if you desaturate by 10%, it is **A4B7A3**.

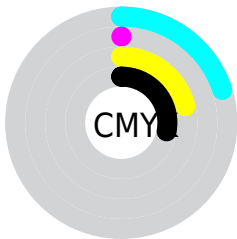
Distribution



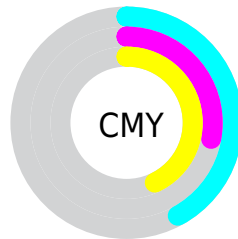
- Red (58%)
- Green (72%)
- Blue (57%)



- Red (57%)
- Yellow (72%)
- Blue (71%)



- Cyan (20%)
- Magenta (0%)
- Yellow (21%)
- Black (28%)



- Cyan (42%)
- Magenta (28%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93B791 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 93B791 by changing the saturation by 10% instead.

 93B791

 93B791

FFFFFF

 799C77

 C9EFC7

 60825E

 E6FFE3

 476947

 305030

 19391B

 042301

 000600

 000000

 93B791

 93B791

 82B77F

 A4B7A3

 70B76C

 B6B7B6

 5FB75A

 C7B7C8

 4EB748

 D8B7DA

 3CB735

 EAB7ED

 2BB723

 FBB7FF

 1AB711

 FFB7FF

 0AB700

Harmonies

Analogous

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



ADB183



93B791



7BBAA6

Triad

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



93B791



8AB2DA



DC9E9E

Complementary

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



93B791



B591B7

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.



D79EB5



93B791



A9AAD8

Square

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



93B791



71B7D1



C5A2CA



D5A38B

Rectangle

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



93B791



6FBBB6



C5A2CA



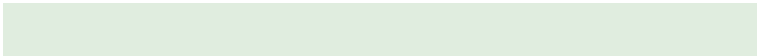
DC9DA5

Sweetspot

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



93B791



E0EDDF



B7B491



70786F



F7F7F7



787878

Same Dimension

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



93B791



B5EDB2



91B7A1



535C53



089C00



011C00

Inverse Universe

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



B591B7



EAB2ED



B791A7



5B535C



93009C



1B001C

Previews

White Background



This preview shows how the Hex color 93B791 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



This preview shows how the Hex color 93B791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

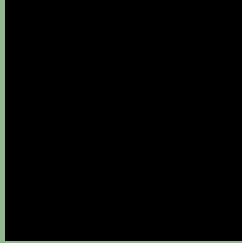
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

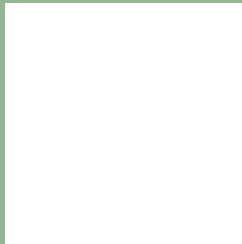
Any Text WCAG AAA ✓ Pass

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

Hex 93B791 Background



This preview shows how black text looks on a background with the Hex color 93B791.

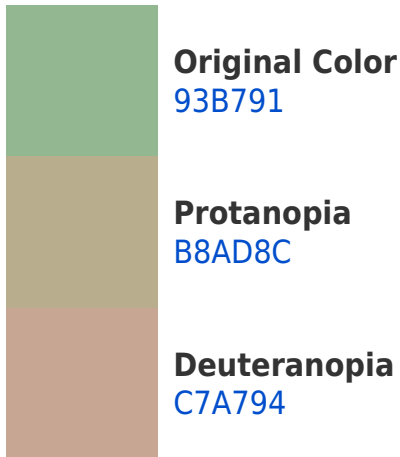


This preview shows how white text looks on a background with the Hex color 93B791.

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](#).

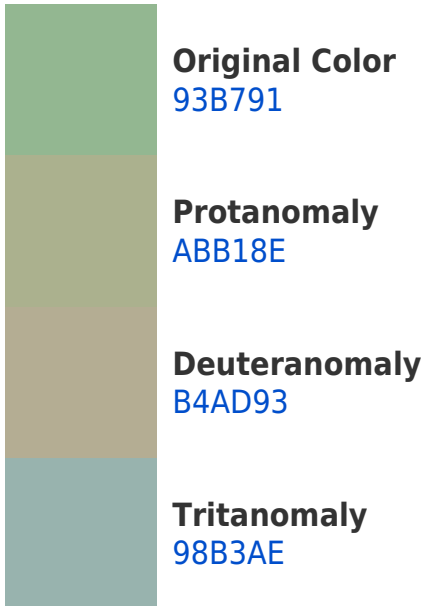
Dichromacy



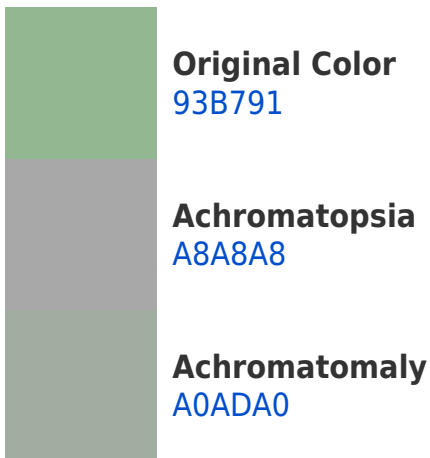


Tritanopia
9BB1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 93B791 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 #93B791 looks like.

```
.text, #text, p{  
    color:#93B791  
}
```

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 #93B791 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93B791
}
```

Border

The CSS property to change the border of an element to Hex 93B791 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
#93B791 }
```

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

```
.border{ border-color:#93B791 }
```

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

Here you see how a box with a 4 pixel #93B791 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93B791; -webkit-box-shadow:4px 4px  
4px 4px #93B791; box-shadow:4px 4px 4px  
4px #93B791 }
```

Background

The CSS property to change the background color of an element to Hex 93B791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93B791 }
```

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

```
.background{ background-color:#93B791 }
```

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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