

Converting Colors

Hex(93A187)

Have a look what the booklet for
Hex(93A187) contains.

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Color

Hex(93A187)

Conversions

Conversions Part 1

Format	Color
Hex	93A187
RGB	147, 161, 135
RGB Percent	58%, 63%, 53%
CMY	0.4235, 0.3686, 0.4706
CMYK	0.09, 0.00, 0.16, 0.37
HSL	92°, 12%, 58%
HSV	92°, 16%, 63%
XYZ	29.1507, 33.4421, 27.8402
YIQ	153.8500, 0.0020, -11.0540

Conversions

Conversions Part 2

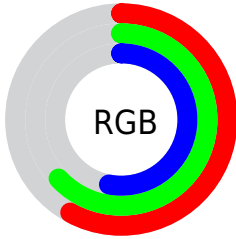
Format	Color
R_{YB}	135, 161, 149
Decimal	9675143
CIE _{Lab}	64.52, -9.87, 11.88
CIE _{LCh}	65, 15.446, 129.710
Yxy	33.4421, 0.3223, 0.3698
Android (android.graphics.Color)	4287865223 (0xFF93A187)
YUV	153.8500, -9.2930, -6.0074
Hunter-Lab	57.8291, -11.2221, 11.9368

Details

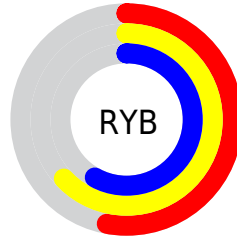
The Hex color **93A187** is a light color, and the websafe version is hex **999966**. A complement of this color would be **9587A1**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **C9D8BC**, and **606D55** is the 20% darker color. If you saturate the color by 10%, you get **8AA177**, and if you desaturate by 10%, it is **9CA197**.

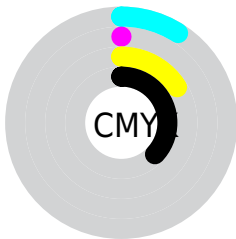
Distribution



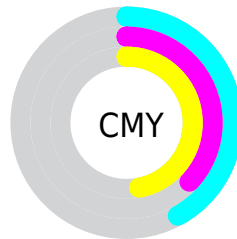
- Red (58%)
- Green (63%)
- Blue (53%)



- Red (53%)
- Yellow (63%)
- Blue (58%)



- Cyan (9%)
- Magenta (0%)
- Yellow (16%)
- Black (37%)



- Cyan (42%)
- Magenta (37%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93A187 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 93A187 by changing the saturation by 10% instead.



93A187



93A187

FFFFFF



79876E



C9D8BC



606D55



E5F4D8



48553E



FFFFF5



323E28



1C2814



001400



000000



93A187



93A187



8AA177



9CA197

 82A167

 A4A1A7

 79A157

 ADA1B7

 70A147

 B6A1C7

 68A137

 BEA1D7

 5FA126

 C7A1E8

 56A116

 D0A1F8

 4EA106

 D8A1FF

 4AA100

 E1A1FF

Harmonies

Analogous

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



A39D81



93A187



84A492

Triad

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



93A187



82A0B6



B99398

Complementary

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



93A187



9587A1

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.



B294A6



93A187



939CB7

Square

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



93A187



79A3AE



A597B2



B8958B

Rectangle

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



93A187



7CA49C



A597B2



B8939D

Sweetspot

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



93A187



CBD1C7



A19587



656962



E8E8E8



696969

Same Dimension

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



93A187



BCD1A9



87A188



4D5249



439100



081200

Inverse Universe

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



9587A1



BFA9D1



A187A0



4E4952



4E0091



0A0012

Previews

White Background



This preview shows how the Hex color 93A187 looks on a white background.

Color Contrast Check

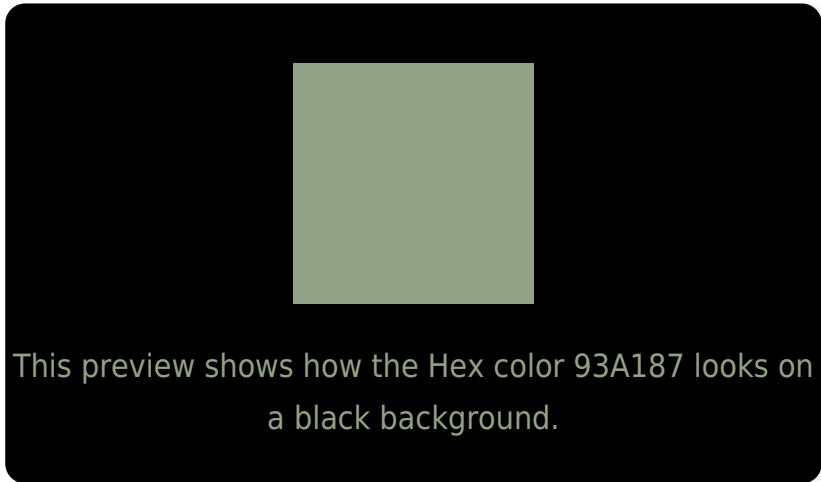
Large Text (above 18pt) WCAG AA × Fail

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

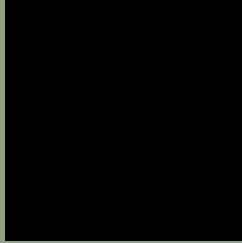
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

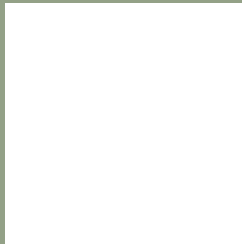
Any Text WCAG AAA ✓ Pass

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

Hex 93A187 Background



This preview shows how black text looks on a background with the Hex color 93A187.

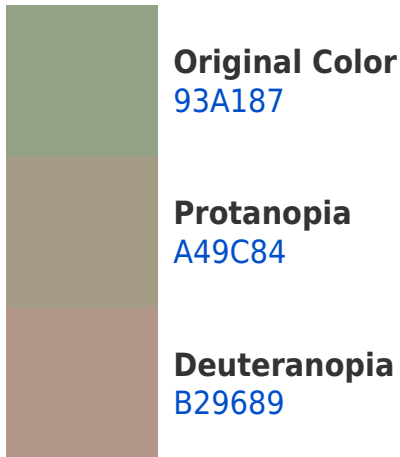


This preview shows how white text looks on a background with the Hex color 93A187.

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](#).

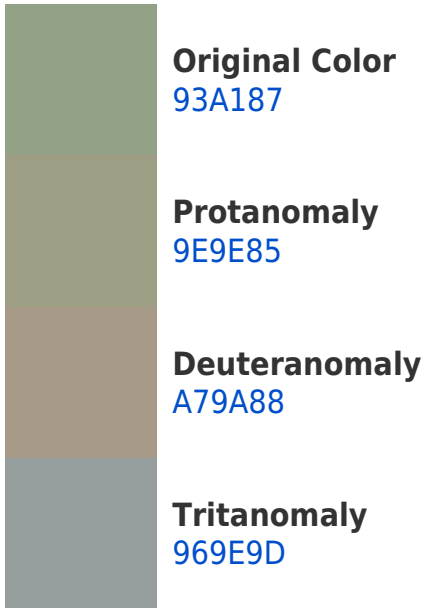
Dichromacy



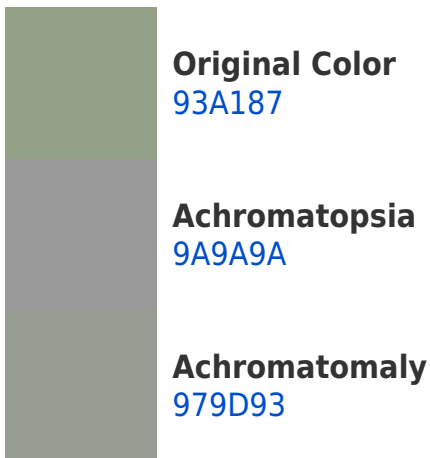


Tritanopia
989CA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 93A187 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 #93A187 looks like.

```
.text, #text, p{  
    color:#93A187  
}
```

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 #93A187 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93A187  
}
```

Border

The CSS property to change the border of an element to Hex 93A187 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  
#93A187 }
```

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

```
.border{ border-color:#93A187 }
```

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

Here you see how a box with a 4 pixel #93A187 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93A187; -webkit-box-shadow:4px 4px  
4px 4px #93A187; box-shadow:4px 4px 4px  
4px #93A187 }
```

Background

The CSS property to change the background color of an element to Hex 93A187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93A187 }
```

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

```
.background{ background-color:#93A187 }
```

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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