

Converting Colors

Hex(93AFA5)

Have a look what the booklet for
Hex(93AFA5) contains.

Hex(93AFA5)	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(93AFA5)

Conversions

Conversions Part 1

Format	Color
Hex	93AFA5
RGB	147, 175, 165
RGB Percent	58%, 69%, 65%
CMY	0.4235, 0.3137, 0.3529
CMYK	0.16, 0.00, 0.06, 0.31
HSL	159°, 15%, 63%
HSV	159°, 16%, 69%
XYZ	34.1541, 39.5796, 41.4368
YIQ	165.4880, -13.4780, -9.0460

Conversions

Conversions Part 2

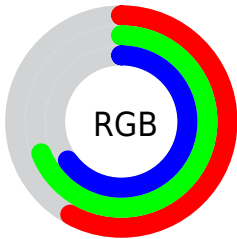
Format	Color
RYB	147, 164, 175
Decimal	9678757
CIELab	69.17, -11.64, 1.91
CIELCh	69, 11.792, 170.685
Yxy	39.5796, 0.2966, 0.3437
Android (android.graphics.Color)	4287868837 (0xFF93AFA5)
YUV	165.4880, -0.2406, -16.2140
Hunter-Lab	62.9123, -13.1917, 4.9876

Details

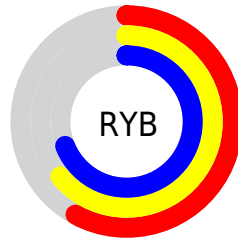
The Hex color **93AFA5** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **AF939D**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **C9E7DC**, and **607B71** is the 20% darker color. If you saturate the color by 10%, you get **82AF9F**, and if you desaturate by 10%, it is **A4AFAB**.

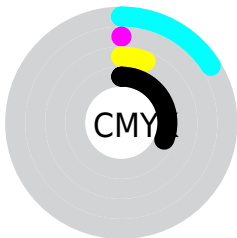
Distribution



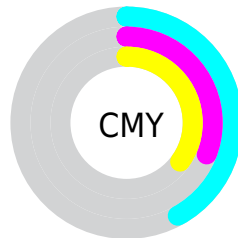
- Red (58%)
- Green (69%)
- Blue (65%)



- Red (58%)
- Yellow (64%)
- Blue (69%)



- Cyan (16%)
- Magenta (0%)
- Yellow (6%)
- Black (31%)



- Cyan (42%)
- Magenta (31%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93AFA5 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 93AFA5 by changing the saturation by 10% instead.



93AFA5



93AFA5

FFFFFF



79948B



C9E7DC



607B71



E5FFF8



486259



314A41



1B332B



051E17



000000



93AFA5



93AFA5



82AF9F



A4AFAB

70AF99

B6AFB2

5EAF92

C7AFB8

4DAF8C

D9AFBE

3BAF86

EBAFC4

2AAF80

FCAFCB

19AF79

FFAFD1

07AF73

FFAFD7

00AF71

FFAFDD

Harmonies

Analogous

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



9DAD9B



93AFA5



8EAFB0

Triad

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



93AFA5



A7A7BD



BDA499

Complementary

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



93AFA5



AF939D

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.



C0A2A2



93AFA5



B4A4B6

Square

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



93AFA5



9AABBE



BDA2AD



B5A794

Rectangle

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



93AFA5



8FAEB6



BDA2AD



BFA39B

Sweetspot

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



93AFA5



D8E3DF



9DAF93



6C7370



F2F2F2



737373

Same Dimension

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



93AFA5



B8E3D4



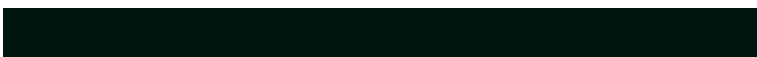
93ABAF



4E5754



009661



00170F

Inverse Universe

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



AF939D



E3B8C7



AF9793



574E51



960036



170008

Previews

White Background



This preview shows how the Hex color 93AFA5 looks on a white background.

Color Contrast Check

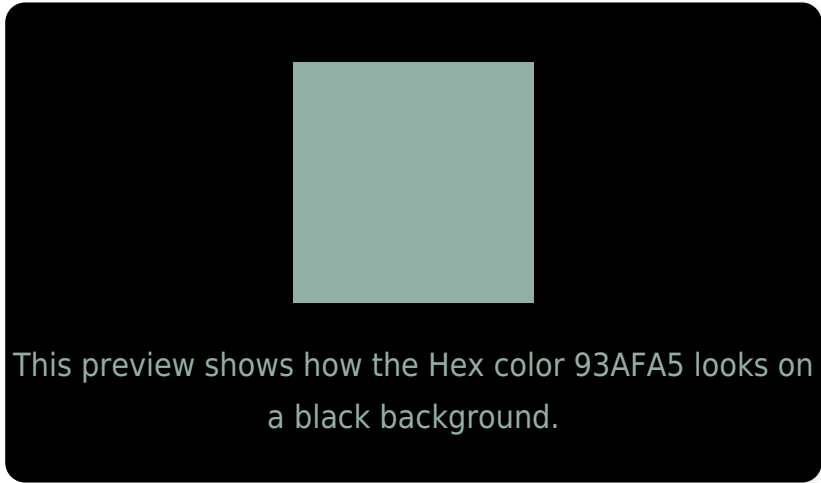
Large Text (above 18pt) WCAG AA × Fail

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

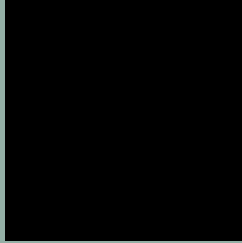
Any Text WCAG AA ✓ Pass

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 93AFA5 Background



This preview shows how black text looks on a background with the Hex color 93AFA5.

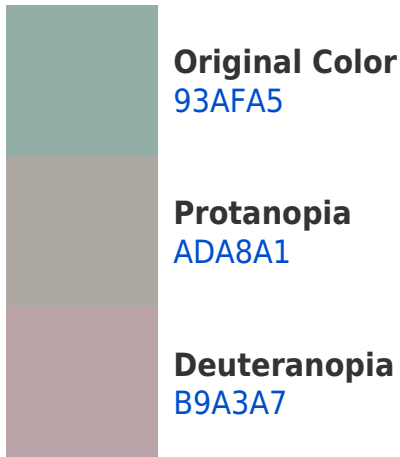


This preview shows how white text looks on a background with the Hex color 93AFA5.

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](#).

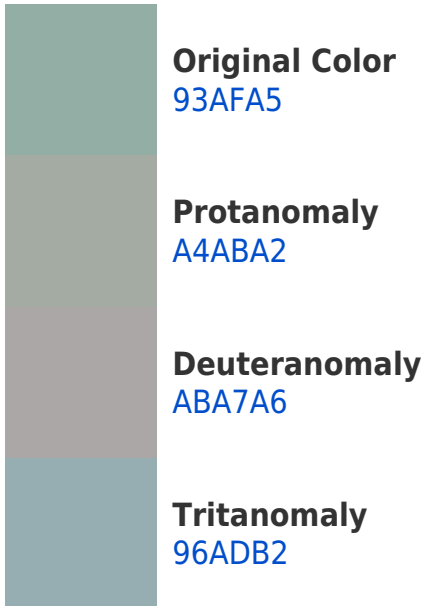
Dichromacy



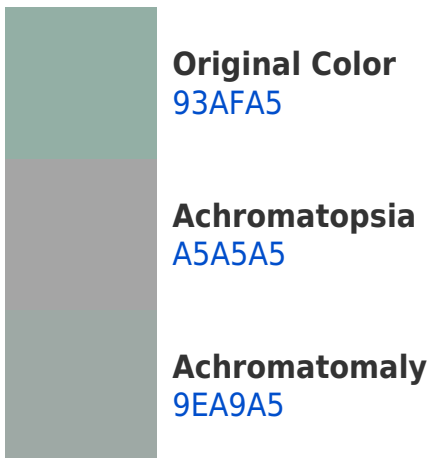


Tritanopia
97ACBA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 93AFA5 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 #93AFA5 looks like.

```
.text, #text, p{  
    color:#93AFA5  
}
```

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 #93AFA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93AFA5
}
```

Border

The CSS property to change the border of an element to Hex 93AFA5 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
#93AFA5 }
```

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

```
.border{ border-color:#93AFA5 }
```

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

Here you see how a box with a 4 pixel #93AFA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93AFA5; -webkit-box-shadow:4px 4px  
4px 4px #93AFA5; box-shadow:4px 4px 4px  
4px #93AFA5 }
```

Background

The CSS property to change the background color of an element to Hex 93AFA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93AFA5 }
```

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

```
.background{ background-color:#93AFA5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor