

Converting Colors

Hex(93DABC)

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

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Color

Hex(93DABC)

Conversions

Conversions Part 1

Format	Color
Hex	93DABC
RGB	147, 218, 188
RGB Percent	58%, 85%, 74%
CMY	0.4235, 0.1451, 0.2627
CMYK	0.33, 0.00, 0.14, 0.15
HSL	155°, 49%, 72%
HSV	155°, 33%, 85%
XYZ	46.1811, 59.9767, 56.7196
YIQ	193.3510, -32.6860, -24.3820

Conversions

Conversions Part 2

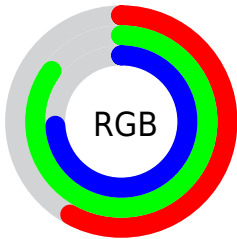
Format	Color
RYB	147, 192, 218
Decimal	9689788
CIELab	81.83, -28.58, 7.74
CIELCh	82, 29.613, 164.847
Yxy	59.9767, 0.2835, 0.3682
Android (android.graphics.Color)	4287879868 (0xFF93DABC)
YUV	193.3510, -2.6380, -40.6498
Hunter-Lab	77.4446, -29.0865, 10.7879

Details

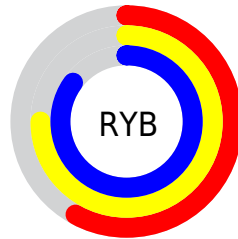
The Hex color **93DABC** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **DA93B1**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **CBFFF4**, and **5DA387** is the 20% darker color. If you saturate the color by 10%, you get **7DDAB3**, and if you desaturate by 10%, it is **A9DAC5**.

Distribution



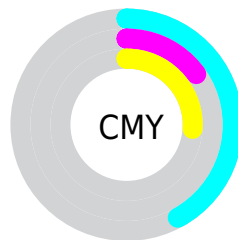
- Red (58%)
- Green (85%)
- Blue (74%)



- Red (58%)
- Yellow (75%)
- Blue (85%)



- Cyan (33%)
- Magenta (0%)
- Yellow (14%)
- Black (15%)



- Cyan (42%)
- Magenta (15%)
- Yellow (26%)

Brightness & Saturation Gradients

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

 93DABC

 93DABC

FFFFFF

 78BEA1

 CBFFF4

 5DA387

 E8FFFF

 43886D

 286F55

 06563E

 003E28

 002814

 000C00

 000000

 93DABC

 93DABC

 7DDAB3

 A9DAC5

 67DAAA

 BFDACE

 52DAA0

 D4DAD8

 3CDA97

 EADAE1

 26DA8E

 FFDAEA

 10DA85

 FFDAF3

 00DA7E

 FFDAFC

 FFDAFF

Harmonies

Analogous

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



B2D6A3



93DABC



7CDBD9

Triad

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



93DABC



BCC9FF



FFBCA5

Complementary

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



93DABC



DA93B1

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.



FFB7BE



93DABC



E1C0F3

Square

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



93DABC



96D2FF



FAB9DB



ECC596

Rectangle

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



93DABC



79DAEA



FAB9DB



FFBAAD

Sweetspot

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



93DABC



E6FFF4



B2DA93



708079



000000



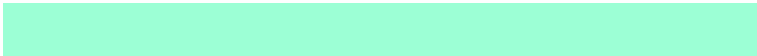
808080

Same Dimension

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



93DABC



9CFFD5



93D5DA



636E69



00AD64



002E1B

Inverse Universe

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



DA93B1



FF9CC6



DA9893



6E6367



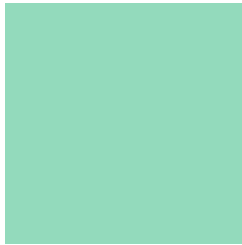
AD0049



2E0013

Previews

White Background



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

Color Contrast Check

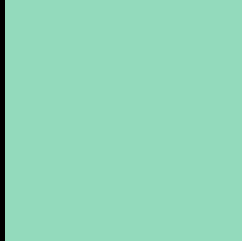
Large Text (above 18pt) WCAG AA × Fail

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 93DABC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

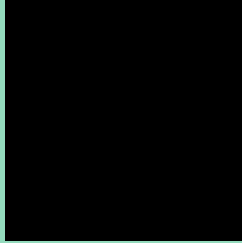
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

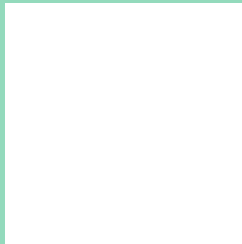
Any Text WCAG AAA ✓ Pass

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

Hex 93DABC Background



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

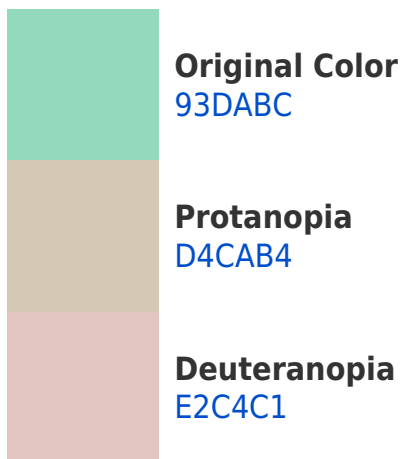


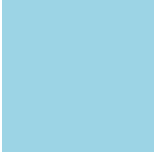
This preview shows how white text looks on a background with the Hex color 93DABC.

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](#).

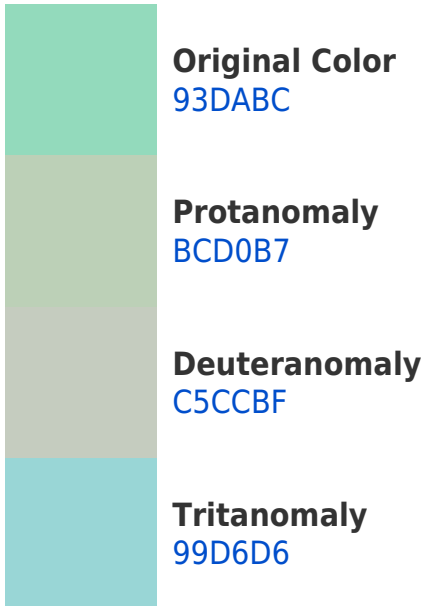
Dichromacy



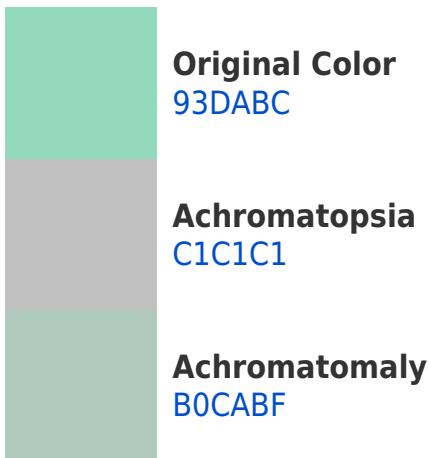


Tritanopia
9CD4E5

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #93DABC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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