

Converting Colors

Hex(93E2C5)

Have a look what the booklet for
Hex(93E2C5) contains.

Hex(93E2C5)	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(93E2C5)

Conversions

Conversions Part 1

Format	Color
Hex	93E2C5
RGB	147, 226, 197
RGB Percent	58%, 89%, 77%
CMY	0.4235, 0.1137, 0.2275
CMYK	0.35, 0.00, 0.13, 0.11
HSL	158°, 58%, 73%
HSV	158°, 35%, 89%
XYZ	49.3070, 64.6270, 62.6988
YIQ	199.0730, -37.7750, -25.7670

Conversions

Conversions Part 2

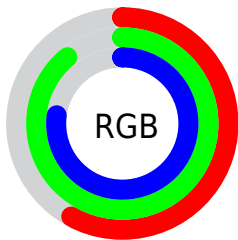
Format	Color
RYB	147, 195, 226
Decimal	9691845
CIELab	84.29, -30.54, 6.52
CIELCh	84, 31.225, 167.938
Yxy	64.6270, 0.2791, 0.3659
Android (android.graphics.Color)	4287881925 (0xFF93E2C5)
YUV	199.0730, -1.0220, -45.6680
Hunter-Lab	80.3909, -31.2027, 10.0319

Details

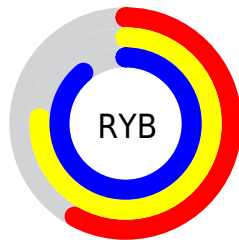
The Hex color **93E2C5** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **E293B0**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **CBFFFE**, and **5DAA8F** is the 20% darker color. If you saturate the color by 10%, you get **7CE2BD**, and if you desaturate by 10%, it is **AAE2CD**.

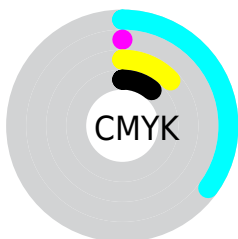
Distribution



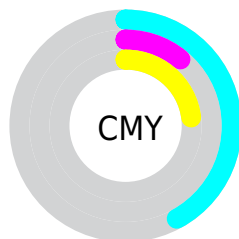
- Red (58%)
- Green (89%)
- Blue (77%)



- Red (58%)
- Yellow (76%)
- Blue (89%)



- Cyan (35%)
- Magenta (0%)
- Yellow (13%)
- Black (11%)



- Cyan (42%)
- Magenta (11%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93E2C5 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 93E2C5 by changing the saturation by 10% instead.

 93E2C5

 93E2C5

FFFFFF

 78C6AA

 CBFFFE

 5DAA8F

 E8FFFF

 429076

 25765D

 005C45

 00442F

 002D1A

 001800

 000000

 93E2C5

 93E2C5

 7CE2BD

 AAE2CD

 66E2B4

 C0E2D6

 4FE2AC

 D7E2DE

 39E2A4

 EDE2E6

 22E29C

 FFE2EE

 0BE293

 FFE2F7

 00E28F

 FFE2FF

Harmonies

Analogous

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



B4DEAA



93E2C5



7CE3E3

Triad

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



93E2C5



C7CFFF



FFC3A8

Complementary

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



93E2C5



E293B0

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.



FFBDC2



93E2C5



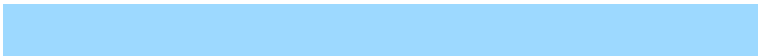
ECC5FA

Square

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



93E2C5



9DD9FF



FFBEDF



F3CC99

Rectangle

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



93E2C5



7AE1F5



FFBEDF



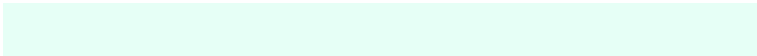
FFC0AF

Sweetspot

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



93E2C5



E6FFF6



B1E293



70807A



000000



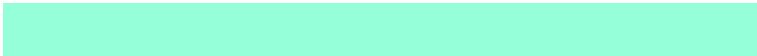
808080

Same Dimension

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



93E2C5



94FFD8



93D9E2



65706C



00B06F



00301F

Inverse Universe

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



E293B0



FF94BB



E29C93



706569



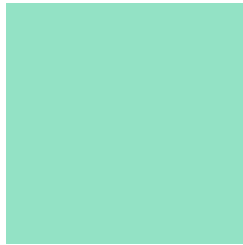
B00041



300012

Previews

White Background



This preview shows how the Hex color 93E2C5 looks on a white background.

Color Contrast Check

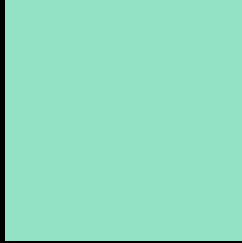
Large Text (above 18pt) WCAG AA × Fail

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 93E2C5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

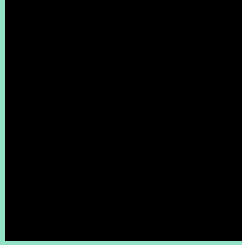
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

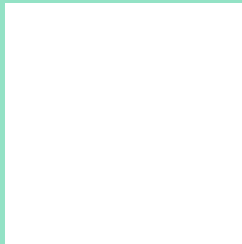
Any Text WCAG AAA ✓ Pass

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

Hex 93E2C5 Background



This preview shows how black text looks on a background with the Hex color 93E2C5.

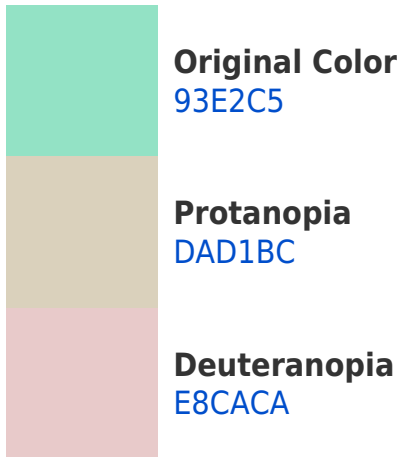


This preview shows how white text looks on a background with the Hex color 93E2C5.

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



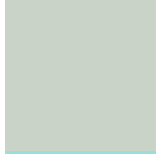
Trichromacy



Original Color
93E2C5



Protanomaly
C0D7BF



Deuteranomaly
C9D3C8

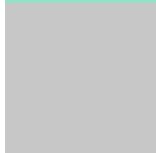


Tritanomaly
99DEDF

Monochromacy



Original Color
93E2C5



Achromatopsia
C7C7C7



Achromatomaly
B4D1C6

CSS Examples

Text

The CSS property to change the color of the text to Hex 93E2C5 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 #93E2C5 looks like.

```
.text, #text, p{  
    color:#93E2C5  
}
```

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 #93E2C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93E2C5
}
```

Border

The CSS property to change the border of an element to Hex 93E2C5 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
#93E2C5 }
```

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

```
.border{ border-color:#93E2C5 }
```

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

Here you see how a box with a 4 pixel #93E2C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93E2C5; -webkit-box-shadow:4px 4px  
4px 4px #93E2C5; box-shadow:4px 4px 4px  
4px #93E2C5 }
```

Background

The CSS property to change the background color of an element to Hex 93E2C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93E2C5 }
```

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

```
.background{ background-color:#93E2C5 }
```

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