

Converting Colors

Hex(93E2B7)

Have a look what the booklet for
Hex(93E2B7) contains.

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Color

Hex(93E2B7)

Conversions

Conversions Part 1

Format	Color
Hex	93E2B7
RGB	147, 226, 183
RGB Percent	58%, 89%, 72%
CMY	0.4235, 0.1137, 0.2824
CMYK	0.35, 0.00, 0.19, 0.11
HSL	147°, 58%, 73%
HSV	147°, 35%, 89%
XYZ	47.7762, 64.0147, 54.6377
YIQ	197.4770, -33.2810, -30.1210

Conversions

Conversions Part 2

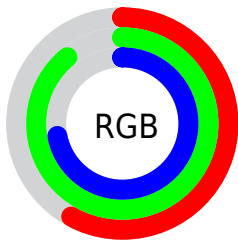
Format	Color
RYB	147, 201, 226
Decimal	9691831
CIELab	83.97, -33.37, 13.44
CIELCh	84, 35.971, 158.065
Yxy	64.0147, 0.2871, 0.3846
Android (android.graphics.Color)	4287881911 (0xFF93E2B7)
YUV	197.4770, -7.1372, -44.2683
Hunter-Lab	80.0092, -33.4275, 15.5177

Details

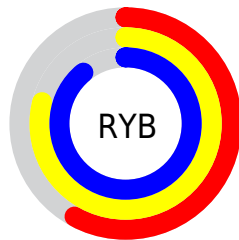
The Hex color **93E2B7** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **E293BE**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **CBFFEF**, and **5DAA82** is the 20% darker color. If you saturate the color by 10%, you get **7CE2AB**, and if you desaturate by 10%, it is **AAE2C3**.

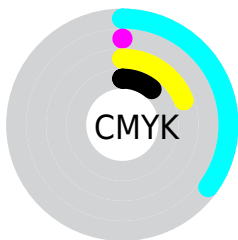
Distribution



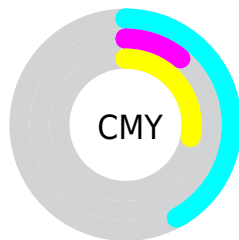
- Red (58%)
- Green (89%)
- Blue (72%)



- Red (58%)
- Yellow (79%)
- Blue (89%)



- Cyan (35%)
- Magenta (0%)
- Yellow (19%)
- Black (11%)



- Cyan (42%)
- Magenta (11%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93E2B7 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 93E2B7 by changing the saturation by 10% instead.

 93E2B7

 93E2B7

FFFFFF

 78C69C

 CBFFEF

 5DAA82

 E8FFFF

 428F69

 267551

 005C39

 004424

 002D0F

 001600

 000000

 93E2B7

 93E2B7

 7CE2AB

 AAE2C3

 66E29E

 C0E2D0

 4FE292

 D7E2DC

 39E286

 EDE2E8

 22E279

 FFE2F5

 0BE26D

 FFE2FF

 00E267

Harmonies

Analogous

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



BBDC9B



93E2B7



6FE4DA

Triad

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



93E2B7



B2D2FF



FFBDA9

Complementary

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



93E2B7



E293BE

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.



FFB8C9



93E2B7



E2C5FF

Square

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



93E2B7



81DCFF



FFBBEB



FFC793

Rectangle

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



93E2B7



62E3F0



FFBBEB



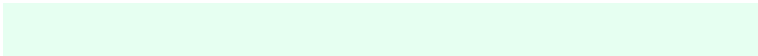
FFBAB3

Sweetspot

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



93E2B7



E6FFF1



BEE293



708077



000000



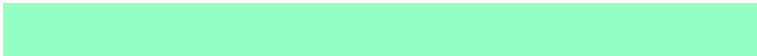
808080

Same Dimension

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



93E2B7



94FFC5



93E2DE



65706A



00B050



003016

Inverse Universe

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



E293BE



FF94CE



E29397



70656B



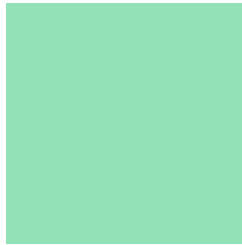
B00060



30001A

Previews

White Background



This preview shows how the Hex color 93E2B7 looks on a white background.

Color Contrast Check

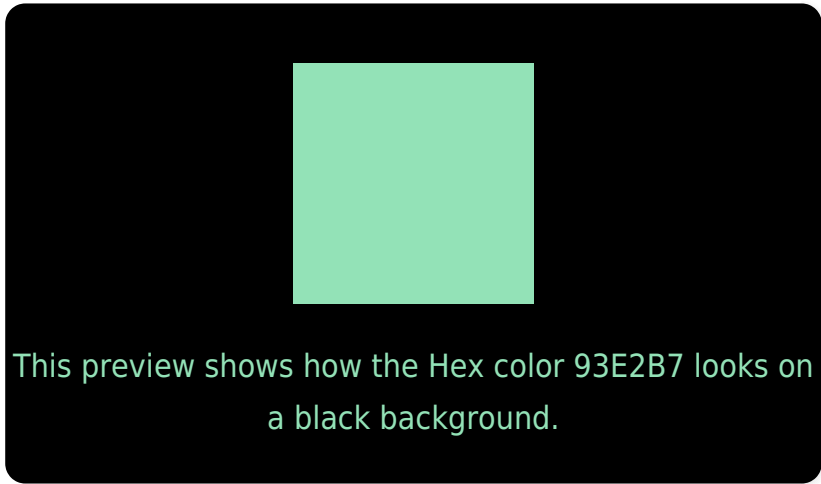
Large Text (above 18pt) WCAG AA × Fail

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

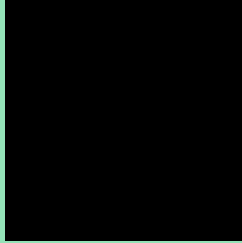
Any Text WCAG AA ✓ Pass

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 93E2B7 Background



This preview shows how black text looks on a background with the Hex color 93E2B7.

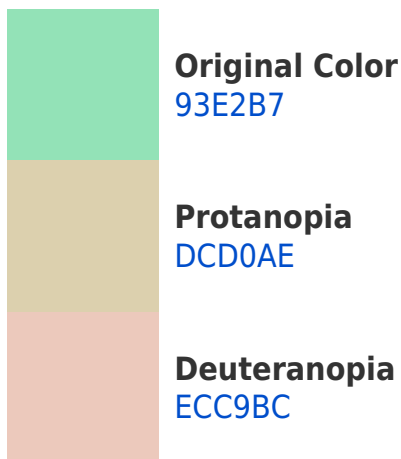


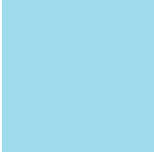
This preview shows how white text looks on a background with the Hex color 93E2B7.

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
9EDBEC

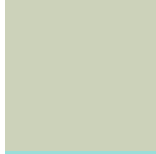
Trichromacy



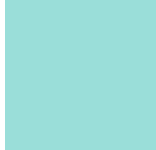
Original Color
93E2B7



Protanomaly
C1D7B1



Deuteranomaly
CCD2BA

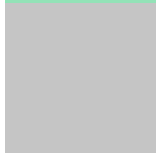


Tritanomaly
9ADED9

Monochromacy



Original Color
93E2B7



Achromatopsia
C5C5C5



Achromatomaly
B3D0C0

CSS Examples

Text

The CSS property to change the color of the text to Hex 93E2B7 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 #93E2B7 looks like.

```
.text, #text, p{  
    color:#93E2B7  
}
```

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 #93E2B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93E2B7
}
```

Border

The CSS property to change the border of an element to Hex 93E2B7 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
#93E2B7 }
```

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

```
.border{ border-color:#93E2B7 }
```

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

Here you see how a box with a 4 pixel #93E2B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93E2B7; -webkit-box-shadow:4px 4px  
4px 4px #93E2B7; box-shadow:4px 4px 4px  
4px #93E2B7 }
```

Background

The CSS property to change the background color of an element to Hex 93E2B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93E2B7 }
```

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

```
.background{ background-color:#93E2B7 }
```

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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