

Converting Colors

Hex(91E5AD)

Have a look what the booklet for
Hex(91E5AD) contains.

Hex(91E5AD)	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(91E5AD)

Conversions

Conversions Part 1

Format	Color
Hex	91E5AD
RGB	145, 229, 173
RGB Percent	57%, 90%, 68%
CMY	0.4314, 0.1020, 0.3216
CMYK	0.37, 0.00, 0.24, 0.10
HSL	140°, 62%, 73%
HSV	140°, 37%, 90%
XYZ	47.2392, 65.0755, 49.6062
YIQ	197.5000, -32.0880, -35.2240

Conversions

Conversions Part 2

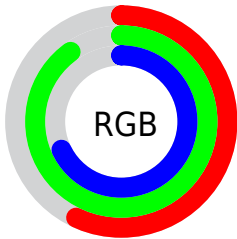
Format	Color
RYB	145, 208, 229
Decimal	9561517
CIELab	84.52, -37.23, 19.42
CIELCh	85, 41.991, 152.451
Yxy	65.0755, 0.2917, 0.4019
Android (android.graphics.Color)	4287751597 (0xFF91E5AD)
YUV	197.5000, -12.0785, -46.0425
Hunter-Lab	80.6694, -36.6436, 20.0092

Details

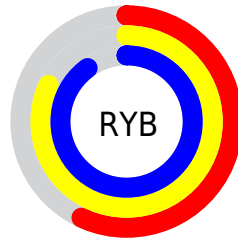
The Hex color **91E5AD** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **E591C9**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **C9FFE5**, and **5AAD78** is the 20% darker color. If you saturate the color by 10%, you get **7AE59E**, and if you desaturate by 10%, it is **A8E5BC**.

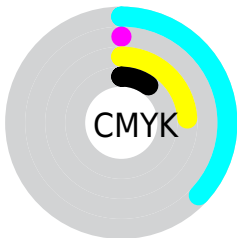
Distribution



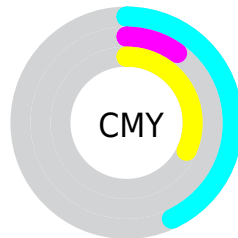
- Red (57%)
- Green (90%)
- Blue (68%)



- Red (57%)
- Yellow (82%)
- Blue (90%)



- Cyan (37%)
- Magenta (0%)
- Yellow (24%)
- Black (10%)



- Cyan (43%)
- Magenta (10%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 91E5AD 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 91E5AD by changing the saturation by 10% instead.

 91E5AD

 91E5AD

FFFFFF

 76C992

 C9FFE5

 5AAD78

 E6FFFF

 3F925F

 227847

 005F31

 00461B

 002F03

 001800

 000000

 91E5AD

 91E5AD

 7AE59E

 A8E5BC

 63E58E

 BFE5CC

 4CE57F

 D6E5DB

 35E570

 EDE5EA

 1EE561

 FFE5F9

 08E551

 FFE5FF

 00E54C

Harmonies

Analogous

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



C0DD8F



91E5AD



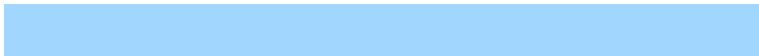
5EE8D5

Triad

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



91E5AD



A0D6FF



FFB8AA

Complementary

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



91E5AD



E591C9

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.



FFB4D1



91E5AD



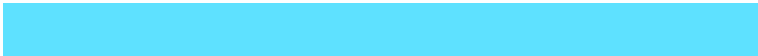
DCC7FF

Square

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



91E5AD



5EE1FF



FFBAF8



FFC48E

Rectangle

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



91E5AD



40E8F0



FFBAF8



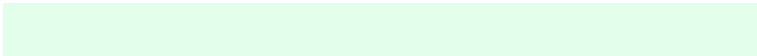
FFB6B7

Sweetspot

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



91E5AD



E3FFEC



C9E591



6F8074



000000



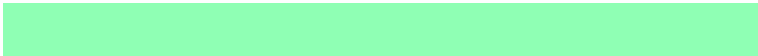
808080

Same Dimension

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



91E5AD



8FFFB4



91E5D7



67736B



00B33C



003311

Inverse Universe

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



E591C9



FF8FDA



E5919F



73676F



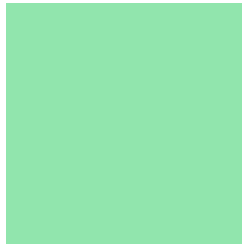
B30077



330022

Previews

White Background



This preview shows how the Hex color 91E5AD looks on a white background.

Color Contrast Check

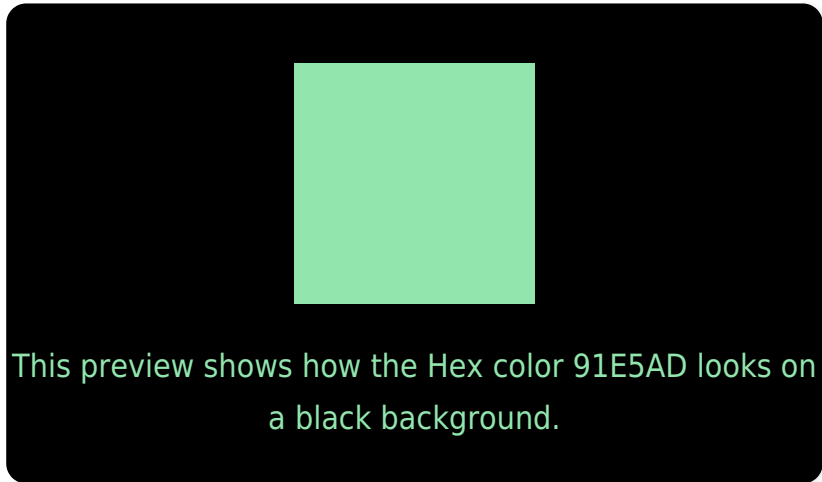
Large Text (above 18pt) WCAG AA × Fail

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

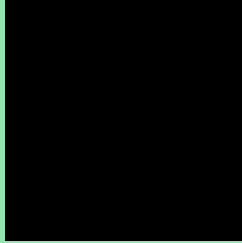
Any Text WCAG AA ✓ Pass

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 91E5AD Background



This preview shows how black text looks on a background with the Hex color 91E5AD.

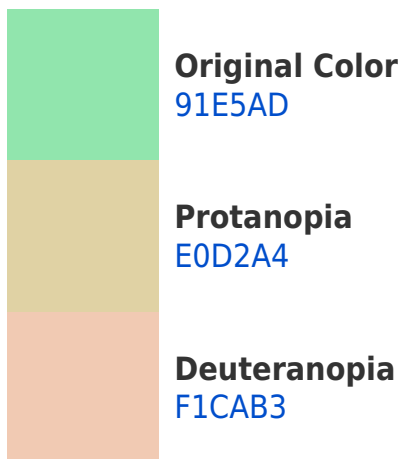


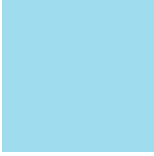
This preview shows how white text looks on a background with the Hex color 91E5AD.

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](#).

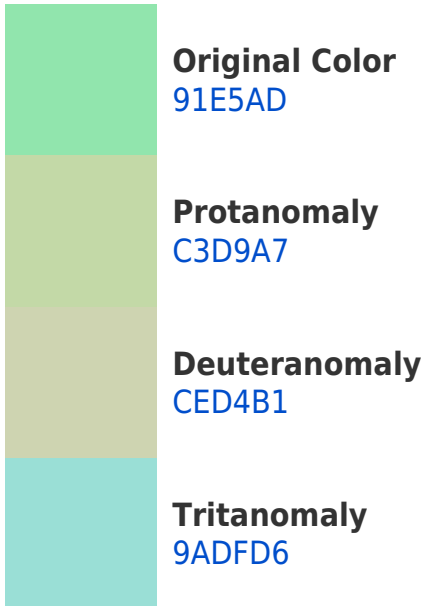
Dichromacy



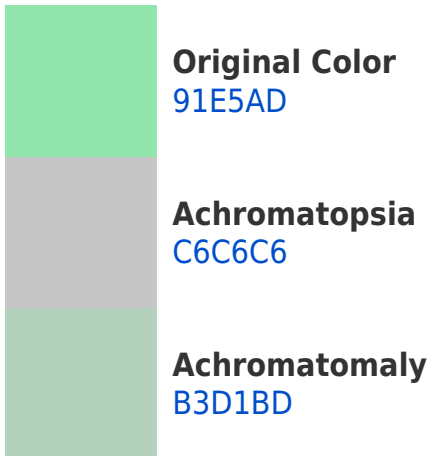


Tritanopia
9FDCEE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 91E5AD 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 #91E5AD looks like.

```
.text, #text, p{  
    color:#91E5AD  
}
```

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 #91E5AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91E5AD
}
```

Border

The CSS property to change the border of an element to Hex 91E5AD 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
#91E5AD }
```

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

```
.border{ border-color:#91E5AD }
```

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

Here you see how a box with a 4 pixel #91E5AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91E5AD; -webkit-box-shadow:4px 4px  
4px 4px #91E5AD; box-shadow:4px 4px 4px  
4px #91E5AD }
```

Background

The CSS property to change the background color of an element to Hex 91E5AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91E5AD }
```

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

```
.background{ background-color:#91E5AD }
```

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