

Converting Colors

Hex(91E891)

Have a look what the booklet for
Hex(91E891) contains.

Hex(91E891)	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(91E891)

Conversions

Conversions Part 1

Format	Color
Hex	91E891
RGB	145, 232, 145
RGB Percent	57%, 91%, 57%
CMY	0.4314, 0.0902, 0.4314
CMYK	0.38, 0.00, 0.38, 0.09
HSL	120°, 65%, 74%
HSV	120°, 38%, 91%
XYZ	45.6445, 65.7773, 37.0786
YIQ	196.0690, -23.9250, -45.5010

Conversions

Conversions Part 2

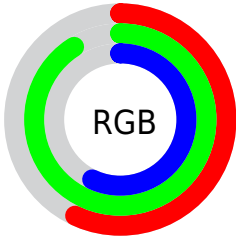
Format	Color
RYB	145, 232, 232
Decimal	9562257
CIELab	84.88, -43.29, 34.27
CIElCh	85, 55.214, 141.632
Yxy	65.7773, 0.3074, 0.4429
Android (android.graphics.Color)	4287752337 (0xFF91E891)
YUV	196.0690, -25.1770, -44.7875
Hunter-Lab	81.1032, -41.4717, 29.6661

Details

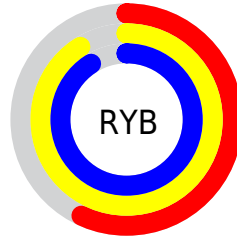
The Hex color **91E891** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **E891E8**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **CAFFC8**, and **5AB05D** is the 20% darker color. If you saturate the color by 10%, you get **7AE87A**, and if you desaturate by 10%, it is **A8E8A8**.

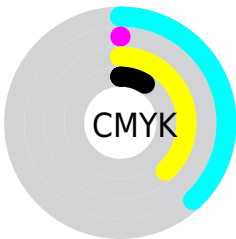
Distribution



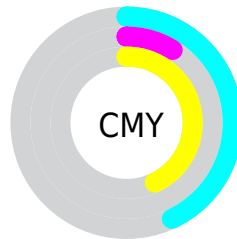
- Red (57%)
- Green (91%)
- Blue (57%)



- Red (57%)
- Yellow (91%)
- Blue (91%)



- Cyan (38%)
- Magenta (0%)
- Yellow (38%)
- Black (9%)




- Cyan (43%)
- Magenta (9%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 91E891 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 91E891 by changing the saturation by 10% instead.

 91E891

 91E891

FFFFFF

 75CC77

 CAFFC8

 5AB05D

 E7FFE4

 3E9545

 1E7A2D

 006114

 004800

 003100

 001A00

 000000

 91E891

 91E891

 7AE87A

 A8E8A8

 63E863

 BFE8BF

 4BE84B

 D7E8D7

 34E834

 EEE8EE

 1DE81D

 FFE8FF

 06E806

 00E800

Harmonies

Analogous

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



CEDD70



91E891



33EEC3

Triad

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



91E891



57DEFF



FFABB0

Complementary

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



91E891



E891E8

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.



FFAAE5



91E891



C2CCFF

Square

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



91E891



00E9FF



FFB8FF



FFB984

Rectangle

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



91E891



00EFE7



FFB8FF



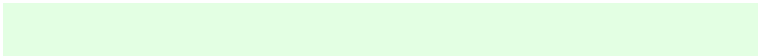
FFA9C1

Sweetspot

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



91E891



E3FFE3



E8E891



6F806F



000000



808080

Same Dimension

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



91E891



8CFF8C



91E8BD



677367



00B300



003300

Inverse Universe

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



E891E8



FF8CFF



E891BD



736773



B300B3



330033

Previews

White Background



This preview shows how the Hex color 91E891 looks on a white background.

Color Contrast Check

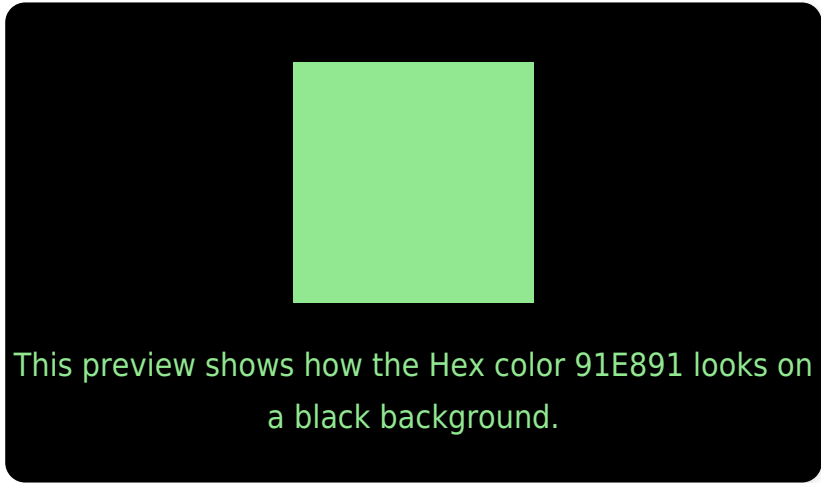
Large Text (above 18pt) WCAG AA × Fail

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

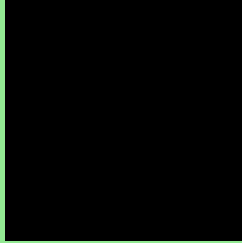
Any Text WCAG AA ✓ Pass

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 91E891 Background



This preview shows how black text looks on a background with the Hex color 91E891.

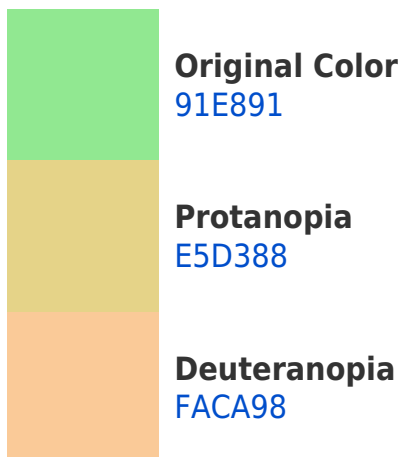


This preview shows how white text looks on a background with the Hex color 91E891.

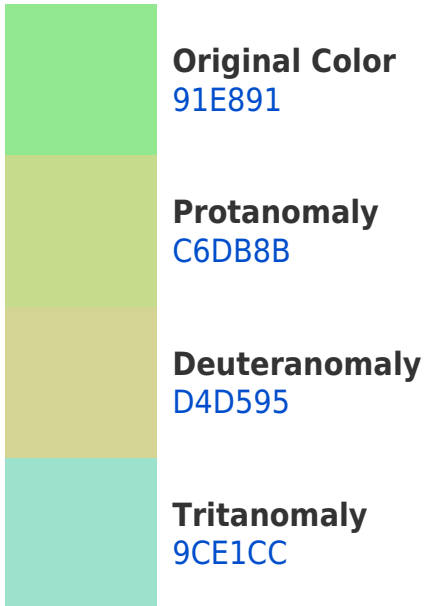
Color Blindness Simulation

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](#).

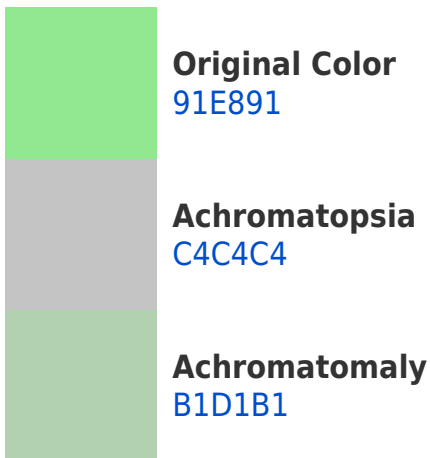
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 91E891 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 #91E891 looks like.

```
.text, #text, p{  
    color:#91E891  
}
```

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 #91E891 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91E891
}
```

Border

The CSS property to change the border of an element to Hex 91E891 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
#91E891 }
```

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

```
.border{ border-color:#91E891 }
```

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

Here you see how a box with a 4 pixel #91E891 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91E891; -webkit-box-shadow:4px 4px  
4px 4px #91E891; box-shadow:4px 4px 4px  
4px #91E891 }
```

Background

The CSS property to change the background color of an element to Hex 91E891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91E891 }
```

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

```
.background{ background-color:#91E891 }
```

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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