

Converting Colors

Hex(91EDA1)

Have a look what the booklet for
Hex(91EDA1) contains.

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Color

Hex(91EDA1)

Conversions

Conversions Part 1

Format	Color
Hex	91EDA1
RGB	145, 237, 161
RGB Percent	57%, 93%, 63%
CMY	0.4314, 0.0706, 0.3686
CMYK	0.39, 0.00, 0.32, 0.07
HSL	130°, 72%, 75%
HSV	130°, 39%, 93%
XYZ	48.3943, 69.1613, 44.5170
YIQ	200.8280, -30.4360, -43.1400

Conversions

Conversions Part 2

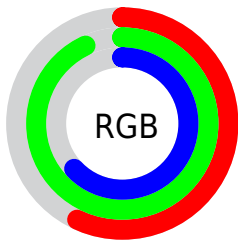
Format	Color
RYB	145, 223, 237
Decimal	9563553
CIELab	86.58, -42.91, 28.43
CIElCh	87, 51.475, 146.477
Yxy	69.1613, 0.2986, 0.4267
Android (android.graphics.Color)	4287753633 (0xFF91EDA1)
YUV	200.8280, -19.6352, -48.9612
Hunter-Lab	83.1633, -41.6633, 26.4766

Details

The Hex color **91EDA1** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **ED91DD**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **CAFFD8**, and **59B46D** is the 20% darker color. If you saturate the color by 10%, you get **79ED8D**, and if you desaturate by 10%, it is **A9EDB5**.

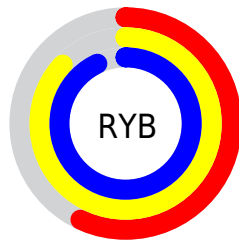
Distribution



Red (57%)

Green (93%)

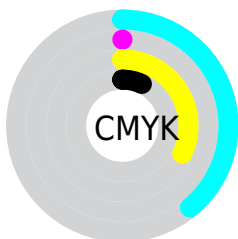
Blue (63%)



Red (57%)

Yellow (87%)

Blue (93%)

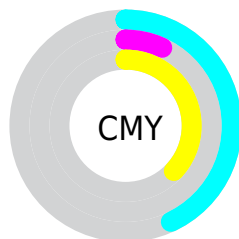


Cyan (39%)

Magenta (0%)

Yellow (32%)

Black (7%)



Cyan (43%)

Magenta (7%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 91EDA1 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 91EDA1 by changing the saturation by 10% instead.

 91EDA1

 91EDA1

FFFFFF

 75D086

 CAFFD8

 59B46D

 E7FFF5

 3D9954

 1D7F3C

 006525

 004C0D

 003400

 001F00

 000000

 91EDA1

 91EDA1

 79ED8D

 A9EDB5

 62ED7A

 C0EDC8

 4AED66

 D8EDDC

 32ED53

 F0EDEF

 1AED3F

 FFEDFF

 03ED2C

 00ED29

Harmonies

Analogous

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



CBE37F



91EDA1



40F2D1

Triad

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



91EDA1



80DFFF



FFB5B0

Complementary

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



91EDA1



ED91DD

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.



FFB2E1



91EDA1



D5CEFF

Square

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



91EDA1



00ECFF



FFBCFF



FFC389

Rectangle

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



91EDA1



00F2F3



FFBCFF



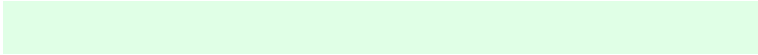
FFB2BF

Sweetspot

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



91EDA1



E0FFE6



DEED91



6E8071



000000



808080

Same Dimension

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



91EDA1



87FF9C



91EDCE



6A756C



00B51F



003609

Inverse Universe

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



ED91DD



FF87EA



ED91B0



756A73



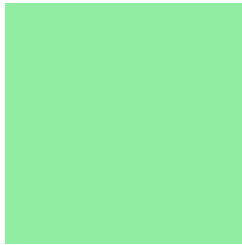
B50096



36002C

Previews

White Background



This preview shows how the Hex color 91EDA1 looks on a white background.

Color Contrast Check

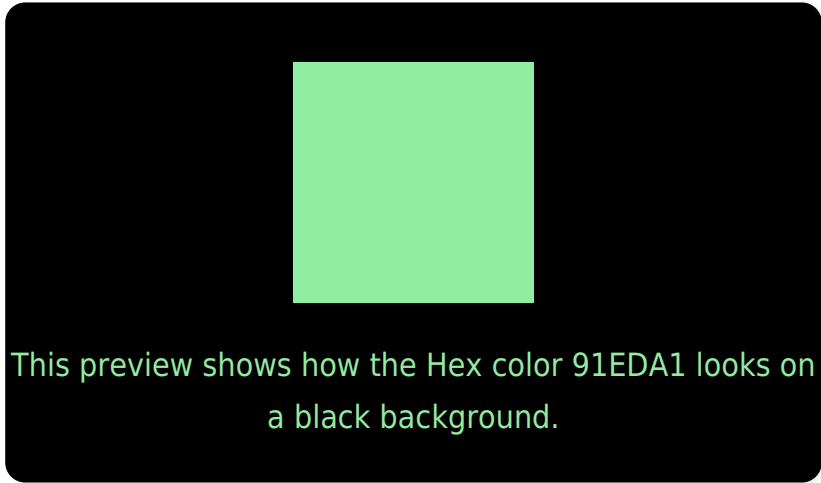
Large Text (above 18pt) WCAG AA × Fail

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 91EDA1 Background



This preview shows how black text looks on a background with the Hex color 91EDA1.

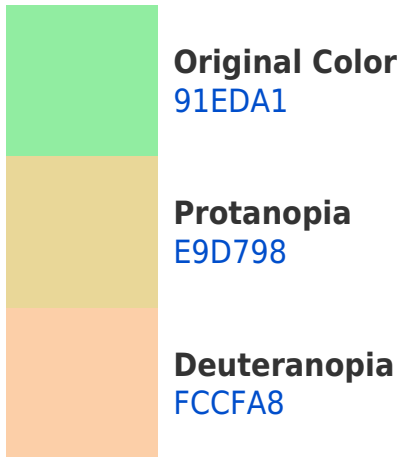


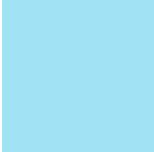
This preview shows how white text looks on a background with the Hex color 91EDA1.

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](#).

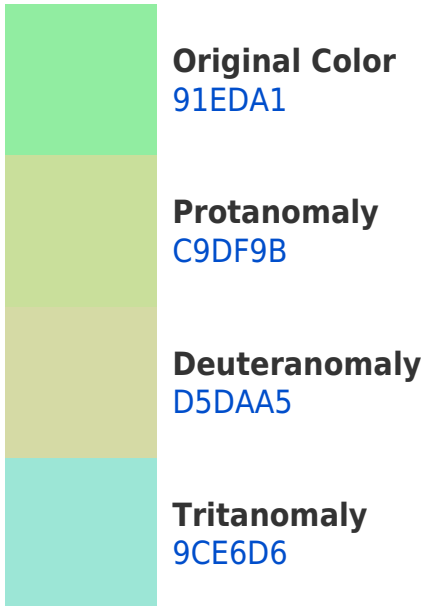
Dichromacy



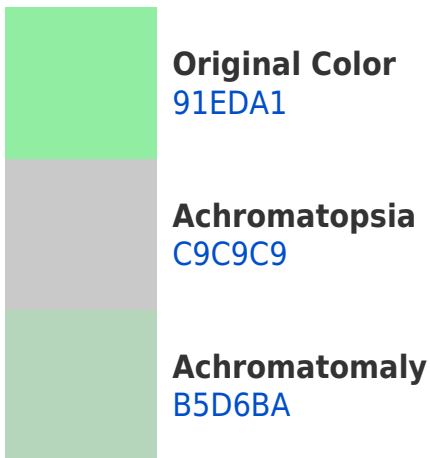


Tritanopia
A2E2F5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 91EDA1 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 #91EDA1 looks like.

```
.text, #text, p{  
    color:#91EDA1  
}
```

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 #91EDA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91EDA1
}
```

Border

The CSS property to change the border of an element to Hex 91EDA1 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
#91EDA1 }
```

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

```
.border{ border-color:#91EDA1 }
```

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

Here you see how a box with a 4 pixel #91EDA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91EDA1; -webkit-box-shadow:4px 4px  
4px 4px #91EDA1; box-shadow:4px 4px 4px  
4px #91EDA1 }
```

Background

The CSS property to change the background color of an element to Hex 91EDA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91EDA1 }
```

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

```
.background{ background-color:#91EDA1 }
```

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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