

Converting Colors

Hex(91E97C)

Have a look what the booklet for
Hex(91E97C) contains.

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Color

Hex(91E97C)

Conversions

Conversions Part 1

Format	Color
Hex	91E97C
RGB	145, 233, 124
RGB Percent	57%, 91%, 49%
CMY	0.4314, 0.0863, 0.5137
CMYK	0.38, 0.00, 0.47, 0.09
HSL	108°, 71%, 70%
HSV	108°, 47%, 91%
XYZ	44.4541, 65.7528, 29.4174
YIQ	194.2620, -17.4590, -52.5550

Conversions

Conversions Part 2

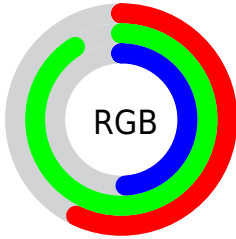
Format	Color
RYB	124, 233, 212
Decimal	9562492
CIELab	84.87, -46.67, 44.62
CIELCh	85, 64.568, 136.286
Yxy	65.7528, 0.3184, 0.4709
Android (android.graphics.Color)	4287752572 (0xFF91E97C)
YUV	194.2620, -34.6392, -43.2028
Hunter-Lab	81.0881, -44.0470, 35.2523

Details

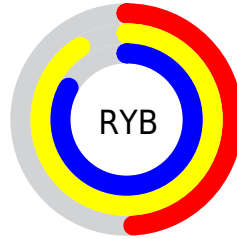
The Hex color **91E97C** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **D47CE9**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **CAFFB2**, and **59B148** is the 20% darker color. If you saturate the color by 10%, you get **7EE965**, and if you desaturate by 10%, it is **A4E993**.

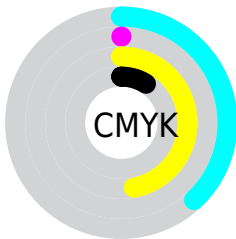
Distribution



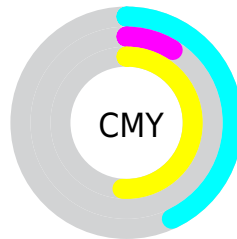
- Red (57%)
- Green (91%)
- Blue (49%)



- Red (49%)
- Yellow (91%)
- Blue (83%)



- Cyan (38%)
- Magenta (0%)
- Yellow (47%)
- Black (9%)




- Cyan (43%)
- Magenta (9%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 91E97C 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 91E97C by changing the saturation by 10% instead.

 91E97C

 91E97C

FFFFFF

 75CC62

 CAFFB2

 59B148

 E8FFCE

 3C952F

 FFFFEB

 1A7B13

 006100

 004900

 003100

 001A00

 000000

 91E97C

 91E97C

 7EE965

 A4E993

 6BE94D

 B7E9AB

 59E936

 C9E9C2

 46E91F

 DCE9D9

 33E908

 EFE9F1

 2DE900

 FFE9FF

Harmonies

Analogous

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



D7DB58



91E97C



00F1B5

Triad

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



91E97C



00E3FF



FFA0B5

Complementary

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



91E97C



D47CE9

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.



FFA3F3



91E97C



A7CFFF

Square

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



91E97C



00EEFF



FFB6FF



FFB07E

Rectangle

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



91E97C



00F2DF



FFB6FF



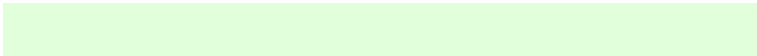
FF9FC9

Sweetspot

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



91E97C



E2FFDB



E9D37C



6E806A



000000



808080

Same Dimension

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



91E97C



8CFF70



7CE99D



6C756A



23B500



0A3600

Inverse Universe

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



D47CE9



E370FF



E97CC8



736A75



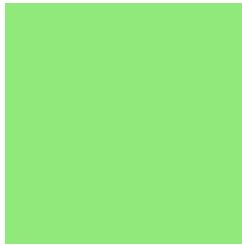
9200B5



2B0036

Previews

White Background



This preview shows how the Hex color 91E97C looks on a white background.

Color Contrast Check

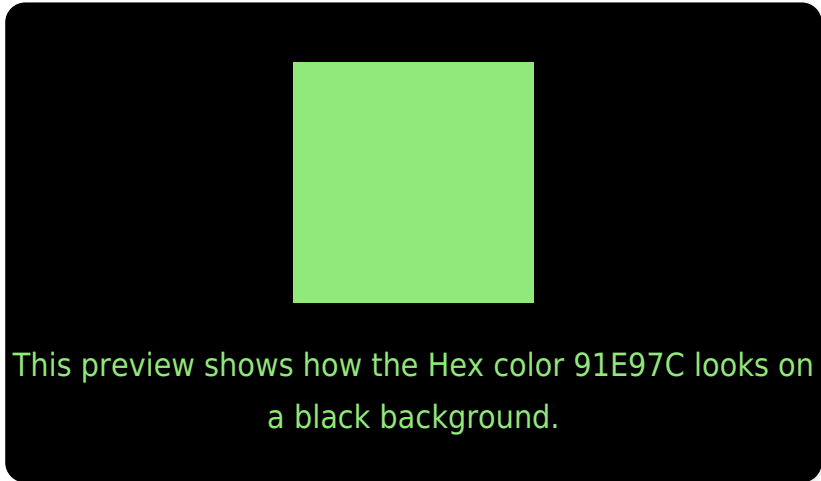
Large Text (above 18pt) WCAG AA × Fail

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

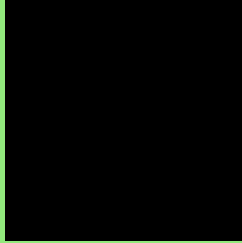
Any Text WCAG AA ✓ Pass

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 91E97C Background



This preview shows how black text looks on a background with the Hex color 91E97C.

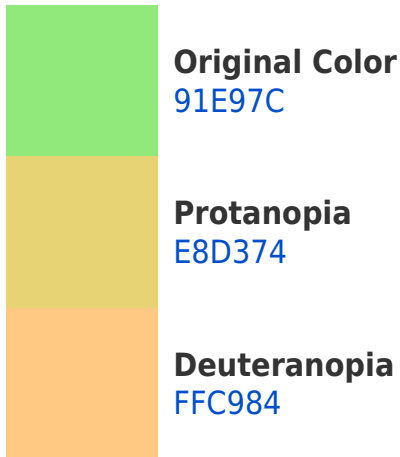


This preview shows how white text looks on a background with the Hex color 91E97C.

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



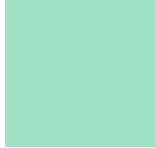
Original Color
91E97C



Protanomaly
C8DB77



Deuteranomaly
D7D581



Tritanomaly
9EE1C5

Monochromacy



Original Color
91E97C



Achromatopsia
C2C2C2



Achromatomaly
B0D0A9

CSS Examples

Text

The CSS property to change the color of the text to Hex 91E97C 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 #91E97C looks like.

```
.text, #text, p{  
    color:#91E97C  
}
```

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 #91E97C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91E97C
}
```

Border

The CSS property to change the border of an element to Hex 91E97C 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
#91E97C }
```

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

```
.border{ border-color:#91E97C }
```

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

Here you see how a box with a 4 pixel #91E97C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91E97C; -webkit-box-shadow:4px 4px  
4px 4px #91E97C; box-shadow:4px 4px 4px  
4px #91E97C }
```

Background

The CSS property to change the background color of an element to Hex 91E97C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91E97C }
```

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

```
.background{ background-color:#91E97C }
```

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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