

Converting Colors

Hex(91E497)

Have a look what the booklet for
Hex(91E497) contains.

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Color

Hex(91E497)

Conversions

Conversions Part 1

Format	Color
Hex	91E497
RGB	145, 228, 151
RGB Percent	57%, 89%, 59%
CMY	0.4314, 0.1059, 0.4078
CMYK	0.36, 0.00, 0.34, 0.11
HSL	124°, 61%, 73%
HSV	124°, 36%, 89%
XYZ	45.0064, 63.7409, 39.2093
YIQ	194.4050, -24.7510, -41.5430

Conversions

Conversions Part 2

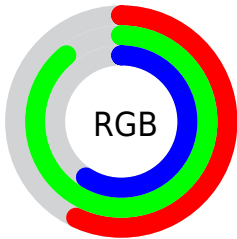
Format	Color
RYB	145, 222, 228
Decimal	9561239
CIELab	83.83, -40.59, 29.83
CIELCh	84, 50.373, 143.684
Yxy	63.7409, 0.3042, 0.4308
Android (android.graphics.Color)	4287751319 (0xFF91E497)
YUV	194.4050, -21.3987, -43.3282
Hunter-Lab	79.8379, -39.0920, 26.7685

Details

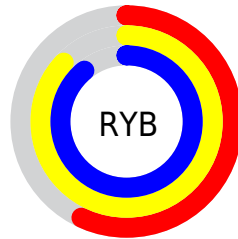
The Hex color **91E497** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **E491DE**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **C9FFCE**, and **5AAC63** is the 20% darker color. If you saturate the color by 10%, you get **7AE482**, and if you desaturate by 10%, it is **A8E4AC**.

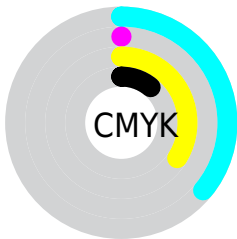
Distribution



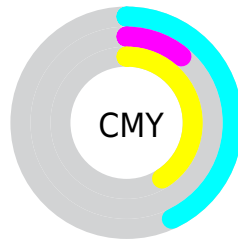
- Red (57%)
- Green (89%)
- Blue (59%)



- Red (57%)
- Yellow (87%)
- Blue (89%)



- Cyan (36%)
- Magenta (0%)
- Yellow (34%)
- Black (11%)




- Cyan (43%)
- Magenta (11%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 91E497 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 91E497 by changing the saturation by 10% instead.

 91E497

 91E497

FFFFFF

 75C87D

 C9FFCE

 5AAC63

 E6FFEA

 3F914B

 217733


 005E1C


 004503

 002E00

 001600

 000000

 91E497

 91E497

 7AE482

 A8E4AC

 63E46D

 BFE4C1

 4DE458

 D5E4D6

 36E442

 ECE4EC

 1FE42D

 FFE4FF

 08E418

 00E410

Harmonies

Analogous

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



C9DA78



91E497



46E9C5

Triad

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



91E497



71D9FF



FFADAD

Complementary

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



91E497



E491DE

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.



FFACDD



91E497



C7C8FF

Square

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



91E497



00E4FF



FFB7FF



FFBA86

Rectangle

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



91E497



00EAE6



FFB7FF



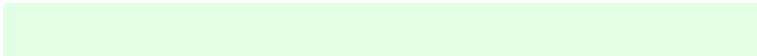
FFABBD

Sweetspot

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



91E497



E3FFE5



DEE491



6F8070



000000



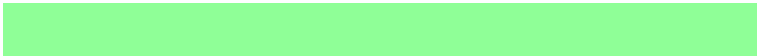
808080

Same Dimension

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



91E497



8FFF97



91E4C0



677368



00B30D



003304

Inverse Universe

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



E491DE



FF8FF7



E491B5



736772



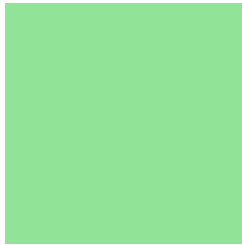
B300A6



33002F

Previews

White Background



This preview shows how the Hex color 91E497 looks on a white background.

Color Contrast Check

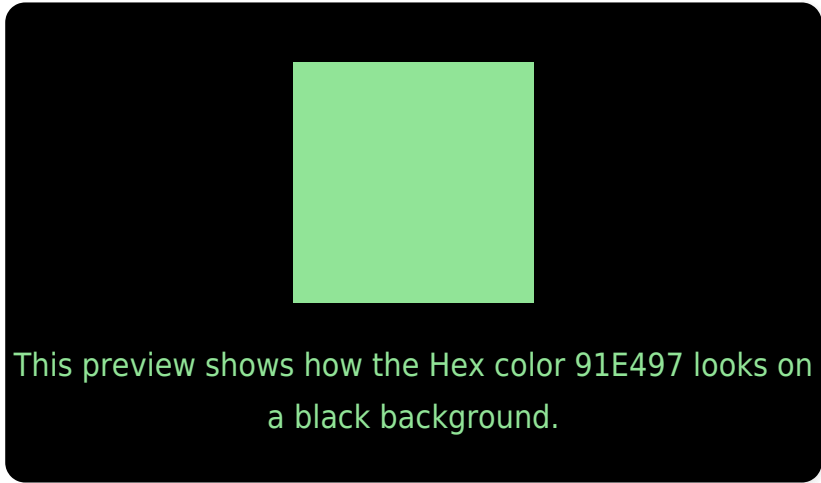
Large Text (above 18pt) WCAG AA × Fail

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

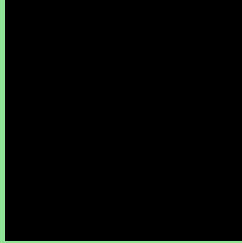
Any Text WCAG AA ✓ Pass

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 91E497 Background



This preview shows how black text looks on a background with the Hex color 91E497.

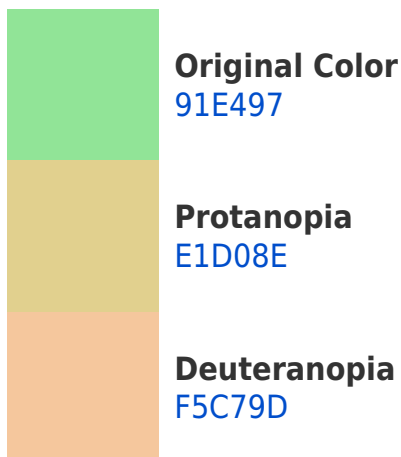


This preview shows how white text looks on a background with the Hex color 91E497.

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



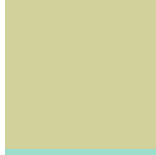
Trichromacy



Original Color
91E497



Protanomaly
C4D791



Deuteranomaly
D1D29B



Tritanomaly
9BDECC

Monochromacy



Original Color
91E497



Achromatopsia
C2C2C2



Achromatomaly
B0CEB2

CSS Examples

Text

The CSS property to change the color of the text to Hex 91E497 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 #91E497 looks like.

```
.text, #text, p{  
    color:#91E497  
}
```

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 #91E497 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91E497
}
```

Border

The CSS property to change the border of an element to Hex 91E497 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
#91E497 }
```

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

```
.border{ border-color:#91E497 }
```

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

Here you see how a box with a 4 pixel #91E497 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91E497; -webkit-box-shadow:4px 4px  
4px 4px #91E497; box-shadow:4px 4px 4px  
4px #91E497 }
```

Background

The CSS property to change the background color of an element to Hex 91E497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91E497 }
```

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

```
.background{ background-color:#91E497 }
```

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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