

# Converting Colors

Hex(93E27B)

Have a look what the booklet for  
Hex(93E27B) contains.

<b>Hex(93E27B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(93E27B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	93E27B
RGB	147, 226, 123
RGB Percent	58%, 89%, 48%
CMY	0.4235, 0.1137, 0.5176
CMYK	0.35, 0.00, 0.46, 0.11
HSL	106°, 64%, 68%
HSV	106°, 46%, 89%
XYZ	42.8041, 62.0258, 28.4551
YIQ	190.6370, -14.0210, -48.7810

# Conversions

## Conversions Part 2

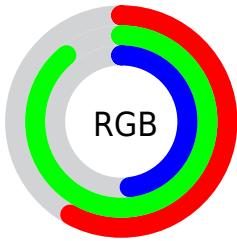
<b>Format</b>	<b>Color</b>
<b>RYB</b>	123, 226, 202
Decimal	9691771
CIELab	82.93, -43.16, 42.70
CIELCh	83, 60.708, 135.308
Yxy	62.0258, 0.3211, 0.4654
Android (android.graphics.Color)	4287881851 (0xFF93E27B)
YUV	190.6370, -33.3450, -38.2696
Hunter-Lab	78.7565, -40.8091, 33.7078

# Details

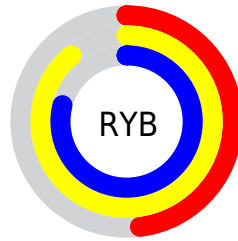
The Hex color **93E27B** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **CA7BE2**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **CCFFB1**, and **5CAA48** is the 20% darker color. If you saturate the color by 10%, you get **82E264**, and if you desaturate by 10%, it is **A4E292**.

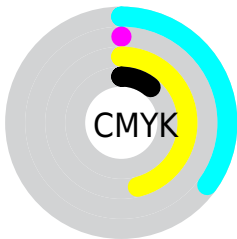
# Distribution



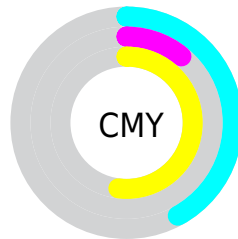
- Red (58%)
- Green (89%)
- Blue (48%)



- Red (48%)
- Yellow (89%)
- Blue (79%)



- Cyan (35%)
- Magenta (0%)
- Yellow (46%)
- Black (11%)



- Cyan (42%)
- Magenta (11%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93E27B 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 93E27B by changing the saturation by 10% instead.



 93E27B

 93E27B

FFFFFF

 77C661


 CCFFB1

 5CAA48

 E9FFCD

 408F2E

 FFFFEA

 217513

 005C00

 004300

 002D00

 001200

 000000

 93E27B

 93E27B

 82E264

 A4E292

 70E24E

 B6E2A8

 5FE237

 C7E2BF

 4EE221

 D8E2D5

 3CE20A

 EAE2EC

 35E200

 FBE2FF

 FFE2FF

# Harmonies

## Analogous

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



D3D55B



93E27B



24E9B0

# Triad

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



93E27B



00DDFF



FF9EB3

# Complementary

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



93E27B



CA7BE2

# 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.



FFA1ED



93E27B



A3CAFF

# Square

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



93E27B



00E7FF



F8B4FF



FFAC80

# Rectangle

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



93E27B



00EBD7



F8B4FF



FF9DC7

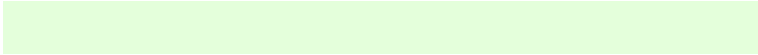


# Sweetspot

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



93E27B



E4FFDB



E2CA7B



6F806A



000000



808080



# Same Dimension

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



93E27B



93FF73



7BE296



687065



29B000



0B3000



# Inverse Universe

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



CA7BE2



DE73FF



E27BC7



6E6570



8700B0



250030



# Previews

## White Background



This preview shows how the Hex color 93E27B looks on a white background.

## Color Contrast Check

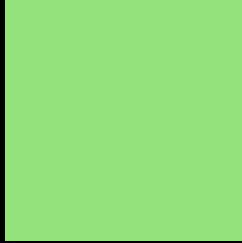
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 93E27B looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

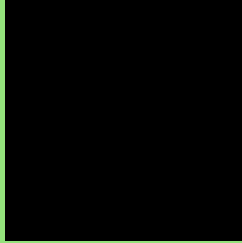
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 93E27B Background



This preview shows how black text looks on a background with the Hex color 93E27B.

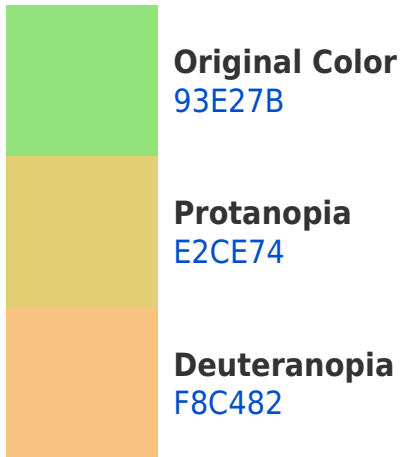


This preview shows how white text looks on a background with the Hex color 93E27B.

# 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](#).

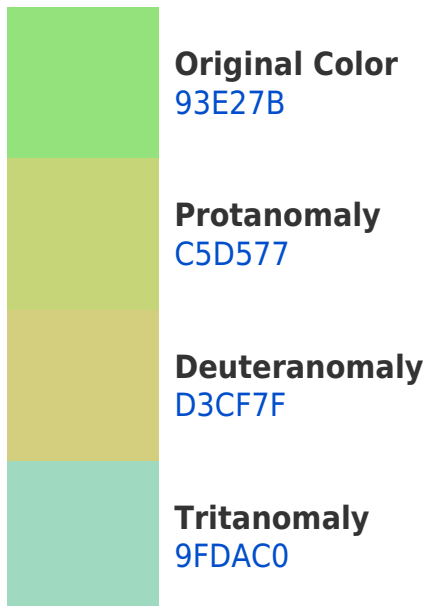
## Dichromacy



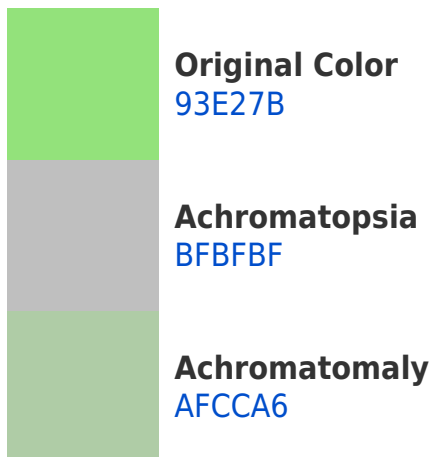


**Tritanopia**  
A6D6E7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93E27B 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 #93E27B looks like.

```
.text, #text, p{  
    color:#93E27B  
}
```

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 #93E27B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93E27B
}
```

## Border

The CSS property to change the border of an element to Hex 93E27B 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
#93E27B }
```

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

```
.border{ border-color:#93E27B }
```

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

Here you see how a box with a 4 pixel #93E27B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93E27B; -webkit-box-shadow:4px 4px  
4px 4px #93E27B; box-shadow:4px 4px 4px  
4px #93E27B }
```

# Background

The CSS property to change the background color of an element to Hex 93E27B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93E27B }
```

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

```
.background{ background-color:#93E27B }
```

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