

Converting Colors

Hex(93D67E)

Have a look what the booklet for
Hex(93D67E) contains.

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Color

Hex(93D67E)

Conversions

Conversions Part 1

Format	Color
Hex	93D67E
RGB	147, 214, 126
RGB Percent	58%, 84%, 49%
CMY	0.4235, 0.1608, 0.5059
CMYK	0.31, 0.00, 0.41, 0.16
HSL	106°, 52%, 67%
HSV	106°, 41%, 84%
XYZ	39.8451, 55.8025, 28.4096
YIQ	183.9350, -11.6840, -41.5720

Conversions

Conversions Part 2

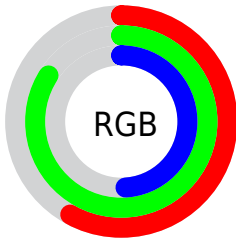
Format	Color
RYB	126, 214, 193
Decimal	9688702
CIELab	79.50, -37.43, 36.86
CIELCh	80, 52.533, 135.444
Yxy	55.8025, 0.3212, 0.4498
Android (android.graphics.Color)	4287878782 (0xFF93D67E)
YUV	183.9350, -28.5620, -32.3920
Hunter-Lab	74.7011, -35.5162, 29.7422

Details

The Hex color **93D67E** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **C17ED6**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **CBFFB4**, and **5D9F4B** is the 20% darker color. If you saturate the color by 10%, you get **83D669**, and if you desaturate by 10%, it is **A3D693**.

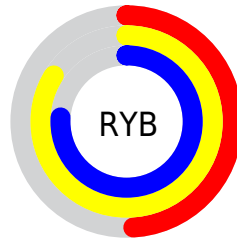
Distribution



Red (58%)

Green (84%)

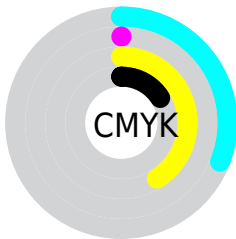
Blue (49%)



Red (49%)

Yellow (84%)

Blue (76%)

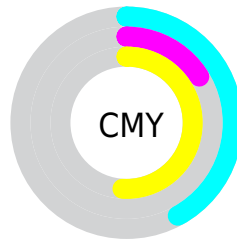


Cyan (31%)

Magenta (0%)

Yellow (41%)

Black (16%)



Cyan (42%)

Magenta (16%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93D67E 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 93D67E by changing the saturation by 10% instead.

 93D67E

 93D67E

FFFFFF

 78BA64

 CBFFB4

 5D9F4B

 E8FFD0

 428433

 FFFFEC

 276B1A

 035200

 003A00

 002600

 000000

 93D67E

 93D67E

 83D669

 A3D693

 72D653

 B4D6A9

 62D63E

 C4D6BE

 52D628

 D4D6D4

 42D613

 E4D6E9

 33D600

 F5D6FE

 FFD6FF

Harmonies

Analogous

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



CACA63



93D67E



47DDAB

Triad

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



93D67E



28D1FF



FF9DAD

Complementary

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



93D67E



C17ED6

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.



FFA0DF



93D67E



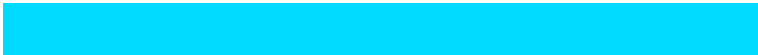
A3C1FF

Square

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



93D67E



00DBFF



E9AEFF



FFA881

Rectangle

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



93D67E



00DECD



E9AEFF



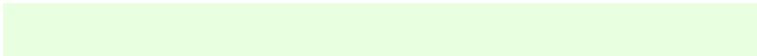
FF9CBE

Sweetspot

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



93D67E



E8FFE0



D6C07E



72806E



000000



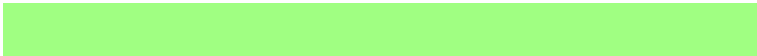
808080

Same Dimension

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



93D67E



A0FF82



7ED694



636B60



29AB00



0A2B00

Inverse Universe

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



C17ED6



E182FF



D67EC0



69606B



8200AB



21002B

Previews

White Background



This preview shows how the Hex color 93D67E looks on a white background.

Color Contrast Check

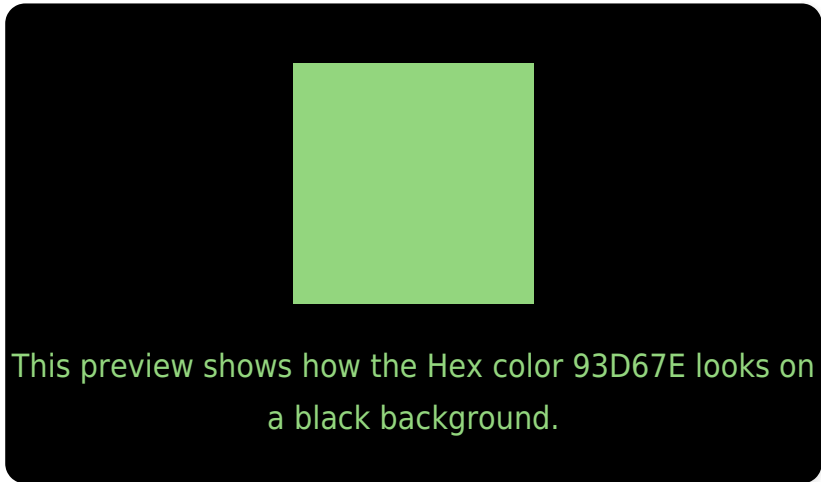
Large Text (above 18pt) WCAG AA × Fail

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 93D67E Background



This preview shows how black text looks on a background with the Hex color 93D67E.

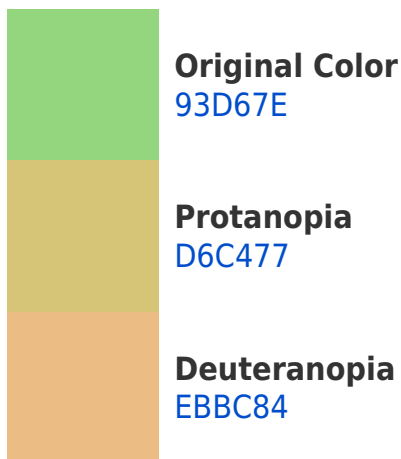


This preview shows how white text looks on a background with the Hex color 93D67E.

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](#).

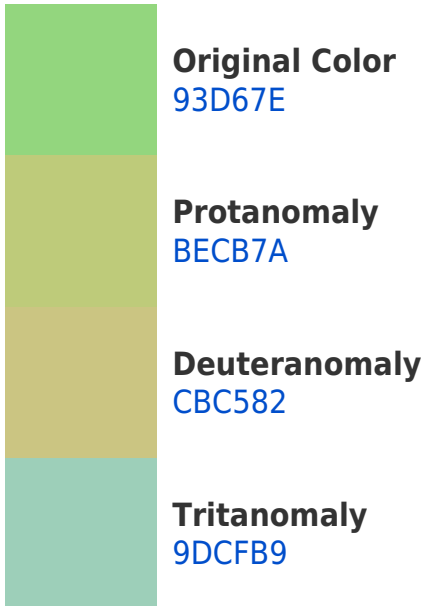
Dichromacy



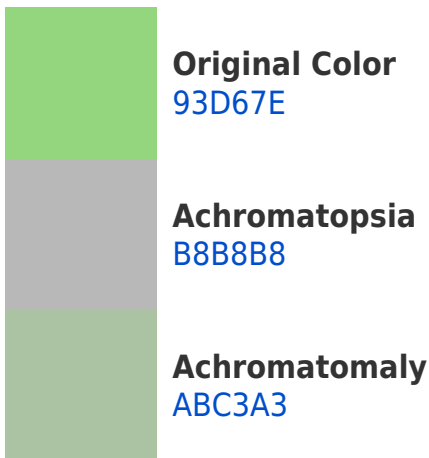


Tritanopia
A3CBDB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 93D67E 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 #93D67E looks like.

```
.text, #text, p{  
    color:#93D67E  
}
```

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 #93D67E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93D67E
}
```

Border

The CSS property to change the border of an element to Hex 93D67E 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
#93D67E }
```

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

```
.border{ border-color:#93D67E }
```

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

Here you see how a box with a 4 pixel #93D67E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93D67E; -webkit-box-shadow:4px 4px  
4px 4px #93D67E; box-shadow:4px 4px 4px  
4px #93D67E }
```

Background

The CSS property to change the background color of an element to Hex 93D67E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93D67E }
```

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

```
.background{ background-color:#93D67E }
```

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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