

Converting Colors

Hex(97D586)

Have a look what the booklet for
Hex(97D586) contains.

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Color

Hex(97D586)

Conversions

Conversions Part 1

Format	Color
Hex	97D586
RGB	151, 213, 134
RGB Percent	59%, 84%, 53%
CMY	0.4078, 0.1647, 0.4745
CMYK	0.29, 0.00, 0.37, 0.16
HSL	107°, 48%, 68%
HSV	107°, 37%, 84%
XYZ	40.8598, 55.8890, 31.1884
YIQ	185.4560, -11.5930, -37.7130

Conversions

Conversions Part 2

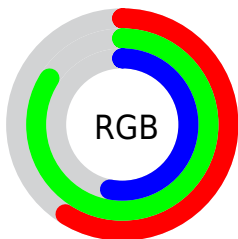
Format	Color
RYB	134, 213, 196
Decimal	9950598
CIELab	79.55, -34.50, 32.90
CIELCh	80, 47.673, 136.353
Yxy	55.8890, 0.3194, 0.4368
Android (android.graphics.Color)	4288140678 (0xFF97D586)
YUV	185.4560, -25.3678, -30.2179
Hunter-Lab	74.7590, -33.2683, 27.5963

Details

The Hex color **97D586** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **C486D5**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **CFFFBC**, and **629E53** is the 20% darker color. If you saturate the color by 10%, you get **86D571**, and if you desaturate by 10%, it is **A8D59B**.

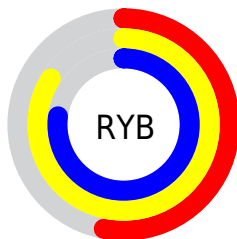
Distribution



Red (59%)

Green (84%)

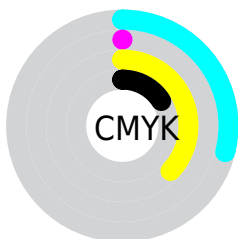
Blue (53%)



Red (53%)

Yellow (84%)

Blue (77%)

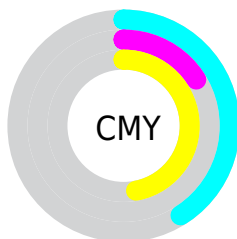


Cyan (29%)

Magenta (0%)

Yellow (37%)

Black (16%)



Cyan (41%)

Magenta (16%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 97D586 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 97D586 by changing the saturation by 10% instead.

 97D586

 97D586

FFFFFF

 7CB96C

 CFFFBC

 629E53

 ECFFD8

 47843B

 FFFFF5

 2D6A23

 0F510A

 003A00

 002500

 000000

 97D586

 97D586

 86D571

 A8D59B

 76D55B

 B8D5B1

 65D546

 C9D5C6

 54D531

 DAD5DB

 43D51B

 EBD5F1

 33D506

 FBD5FF

 2ED500

 FFD5FF

Harmonies

Analogous

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



C9CA6E



97D586



59DBAF

Triad

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



97D586



53D0FF



FFA2AE

Complementary

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



97D586



C486D5

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.



FFA4DB



97D586



AAC1FF

Square

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



97D586



00D9FF



E8B0FF



FFAC87

Rectangle

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



97D586



01DDCD



E8B0FF



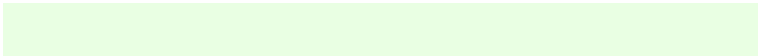
FFA1BD

Sweetspot

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



97D586



E9FFE3



D5C486



72806F



000000



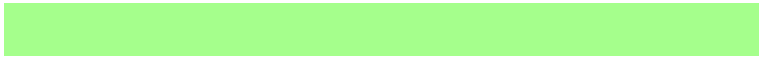
808080

Same Dimension

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



97D586



A5FF8C



86D59C



636B60



25AB00



092B00

Inverse Universe

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



C486D5



E68CFF



D586BF



69606B



8600AB



22002B

Previews

White Background



This preview shows how the Hex color 97D586 looks on a white background.

Color Contrast Check

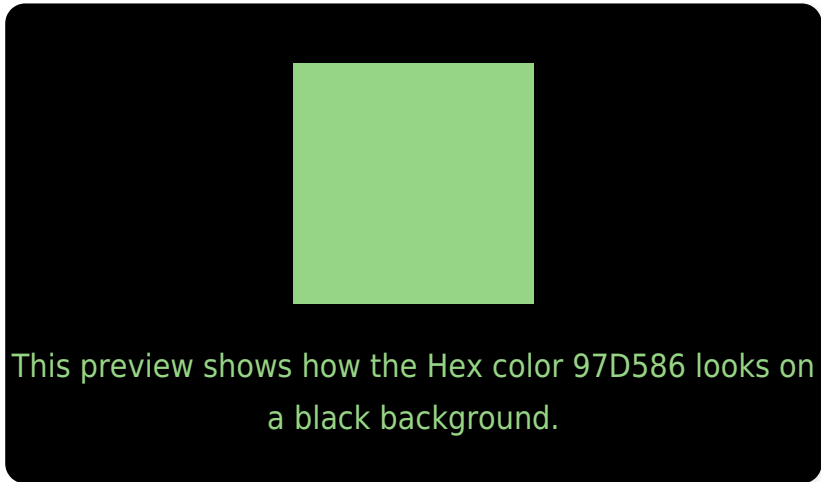
Large Text (above 18pt) WCAG AA × Fail

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

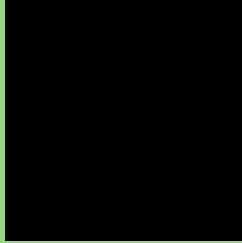
Any Text WCAG AA ✓ Pass

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 97D586 Background



This preview shows how black text looks on a background with the Hex color 97D586.

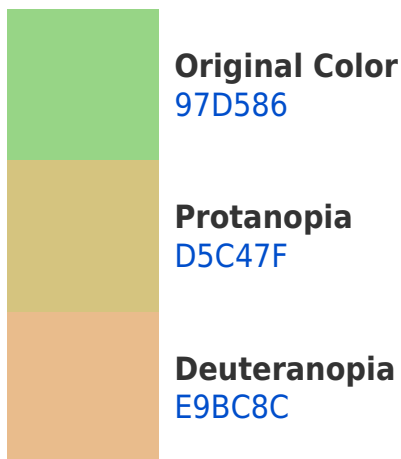


This preview shows how white text looks on a background with the Hex color 97D586.

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](#).

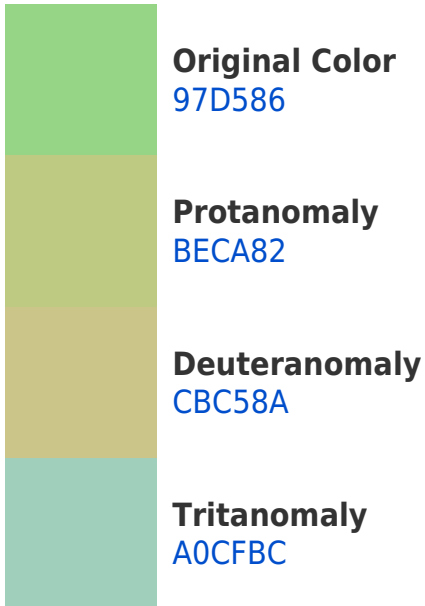
Dichromacy



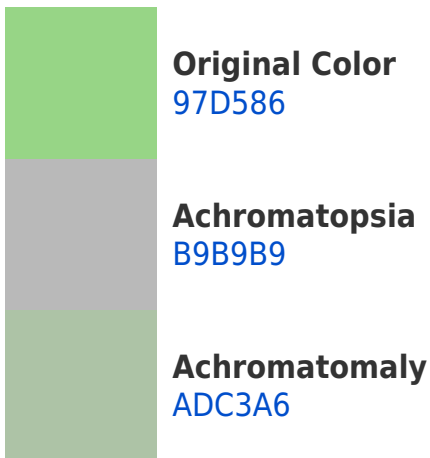


Tritanopia
A5CBDB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 97D586 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 #97D586 looks like.

```
.text, #text, p{  
    color:#97D586  
}
```

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 #97D586 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97D586
}
```

Border

The CSS property to change the border of an element to Hex 97D586 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
#97D586 }
```

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

```
.border{ border-color:#97D586 }
```

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

Here you see how a box with a 4 pixel #97D586 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97D586; -webkit-box-shadow:4px 4px  
4px 4px #97D586; box-shadow:4px 4px 4px  
4px #97D586 }
```

Background

The CSS property to change the background color of an element to Hex 97D586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97D586 }
```

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

```
.background{ background-color:#97D586 }
```

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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