

Converting Colors

Hex(93D1A6)

Have a look what the booklet for
Hex(93D1A6) contains.

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Color

Hex(93D1A6)

Conversions

Conversions Part 1

Format	Color
Hex	93D1A6
RGB	147, 209, 166
RGB Percent	58%, 82%, 65%
CMY	0.4235, 0.1804, 0.3490
CMYK	0.30, 0.00, 0.21, 0.18
HSL	138°, 40%, 70%
HSV	138°, 30%, 82%
XYZ	41.7160, 54.5571, 44.4083
YIQ	185.5600, -23.1490, -26.5170

Conversions

Conversions Part 2

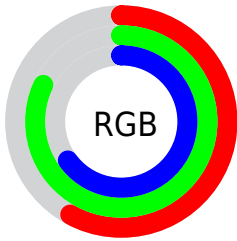
Format	Color
RYB	147, 194, 209
Decimal	9687462
CIELab	78.79, -28.58, 15.10
CIELCh	79, 32.326, 152.145
Yxy	54.5571, 0.2965, 0.3878
Android (android.graphics.Color)	4287877542 (0xFF93D1A6)
YUV	185.5600, -9.6431, -33.8171
Hunter-Lab	73.8628, -28.4472, 16.0572

Details

The Hex color **93D1A6** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D193BE**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **CAFFDD**, and **5E9A72** is the 20% darker color. If you saturate the color by 10%, you get **7ED198**, and if you desaturate by 10%, it is **A8D1B4**.

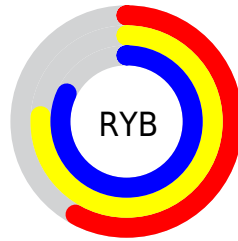
Distribution



Red (58%)

Green (82%)

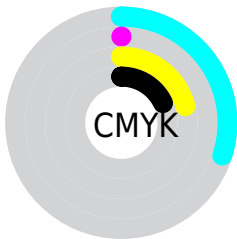
Blue (65%)



Red (58%)

Yellow (76%)

Blue (82%)

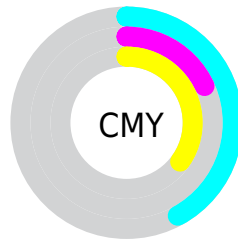


Cyan (30%)

Magenta (0%)

Yellow (21%)

Black (18%)



Cyan (42%)

Magenta (18%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93D1A6 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 93D1A6 by changing the saturation by 10% instead.



93D1A6



93D1A6

FFFFFF



78B58C



CAFFDD



5E9A72



E7FFFA



458059



2B6742



0F4E2B



003716



002200



000000



93D1A6



93D1A6

 7ED198

 A8D1B4

 69D189

 BDD1C3

 54D17B

 D2D1D1

 3FD16C

 E7D1E0

 2BD15E

 FBD1EE

 16D14F

 FFD1FD

 01D141

 FFD1FF

 00D140

Harmonies

Analogous

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



B6CB8F



93D1A6



73D4C4

Triad

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



93D1A6



9FC5FF



FEAFA4

Complementary

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



93D1A6



D193BE

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.



FDADC2



93D1A6



CABBF6

Square

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



93D1A6



76CEF7



EBB1E0



F0B88F

Rectangle

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



93D1A6



65D3D9



EBB1E0



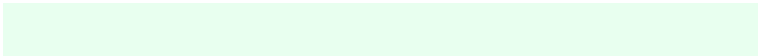
FFAEAE

Sweetspot

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



93D1A6



E8FFEF



BED193



718076



000000



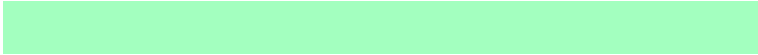
808080

Same Dimension

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



93D1A6



A3FFBF



93D1C5



5E6961



00A834



00290D

Inverse Universe

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



D193BE



FFA3E3



D1939F



695E65



A80075



29001C

Previews

White Background



This preview shows how the Hex color 93D1A6 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 93D1A6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

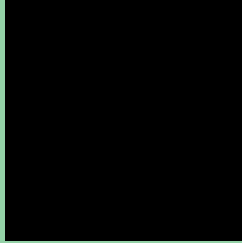
Any Text WCAG AA ✓ Pass

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 93D1A6 Background



This preview shows how black text looks on a background with the Hex color 93D1A6.

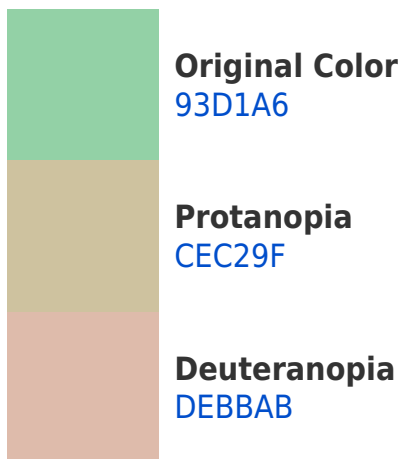


This preview shows how white text looks on a background with the Hex color 93D1A6.

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
93D1A6



Protanomaly
B9C7A2



Deuteranomaly
C3C3A9



Tritanomaly
99CDC7

Monochromacy



Original Color
93D1A6



Achromatopsia
BABABA



Achromatomaly
ACC2B3

CSS Examples

Text

The CSS property to change the color of the text to Hex 93D1A6 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 #93D1A6 looks like.

```
.text, #text, p{  
    color:#93D1A6  
}
```

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 #93D1A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93D1A6
}
```

Border

The CSS property to change the border of an element to Hex 93D1A6 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
#93D1A6 }
```

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

```
.border{ border-color:#93D1A6 }
```

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

Here you see how a box with a 4 pixel #93D1A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93D1A6; -webkit-box-shadow:4px 4px  
4px 4px #93D1A6; box-shadow:4px 4px 4px  
4px #93D1A6 }
```

Background

The CSS property to change the background color of an element to Hex 93D1A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93D1A6 }
```

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

```
.background{ background-color:#93D1A6 }
```

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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