

Converting Colors

Hex(93DBA5)

Have a look what the booklet for
Hex(93DBA5) contains.

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Color

Hex(93DBA5)

Conversions

Conversions Part 1

Format	Color
Hex	93DBA5
RGB	147, 219, 165
RGB Percent	58%, 86%, 65%
CMY	0.4235, 0.1412, 0.3529
CMYK	0.33, 0.00, 0.25, 0.14
HSL	135°, 50%, 72%
HSV	135°, 33%, 86%
XYZ	44.1557, 59.5827, 44.7707
YIQ	191.3160, -25.5780, -32.0580

Conversions

Conversions Part 2

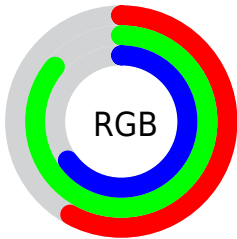
Format	Color
RYB	147, 205, 219
Decimal	9690021
CIELab	81.61, -33.49, 19.57
CIElCh	82, 38.791, 149.697
Yxy	59.5827, 0.2973, 0.4012
Android (android.graphics.Color)	4287880101 (0xFF93DBA5)
YUV	191.3160, -12.9738, -38.8651
Hunter-Lab	77.1898, -32.9730, 19.6442

Details

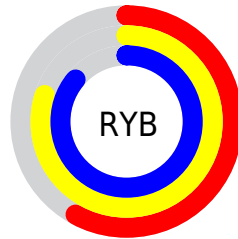
The Hex color **93DBA5** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **DB93C9**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **CBFFDC**, and **5DA471** is the 20% darker color. If you saturate the color by 10%, you get **7DDB95**, and if you desaturate by 10%, it is **A9DBB5**.

Distribution



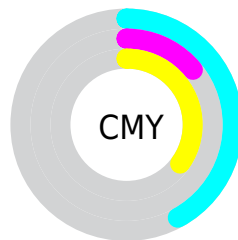
- Red (58%)
- Green (86%)
- Blue (65%)



- Red (58%)
- Yellow (80%)
- Blue (86%)



- Cyan (33%)
- Magenta (0%)
- Yellow (25%)
- Black (14%)



- Cyan (42%)
- Magenta (14%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93DBA5 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 93DBA5 by changing the saturation by 10% instead.

 93DBA5

 93DBA5

FFFFFF

 78BF8B

 CBFFDC

 5DA471

 E8FFF9

 438958

 286F41

 06562A

 003E15

 002800

 000B00

 000000

 93DBA5

 93DBA5

 7DDB95

 A9DBB5

 67DB84

 BFD6C6

 51DB74

 D5DBD6

 3BDB63

 EBDBE7

 26DB53

 FFDBF7

 10DB42

 FFDBFF

 00DB37

Harmonies

Analogous

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



BED38B



93DBA5



67DEC9

Triad

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



93DBA5



98CEFF



FFB2A9

Complementary

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



93DBA5



DB93C9

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.



FFAFCD



93DBA5



CFC2FF

Square

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



93DBA5



60D8FF



F9B5F0



FFBC8D

Rectangle

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



93DBA5



4EDEE2



F9B5F0



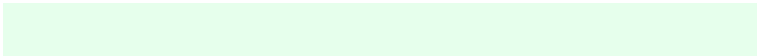
FFB0B4

Sweetspot

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



93DBA5



E6FFEC



C9DB93



708074



000000



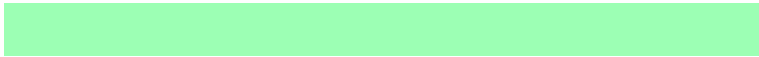
808080

Same Dimension

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



93DBA5



9CFFB4



93DBC9



636E65



00AD2B



002E0B

Inverse Universe

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



DB93C9



FF9CE6



DB93A5



6E636B



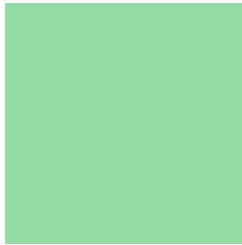
AD0082



2E0022

Previews

White Background



This preview shows how the Hex color 93DBA5 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 93DBA5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

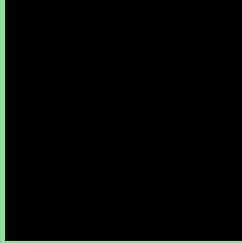
Any Text WCAG AA ✓ Pass

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 93DBA5 Background



This preview shows how black text looks on a background with the Hex color 93DBA5.

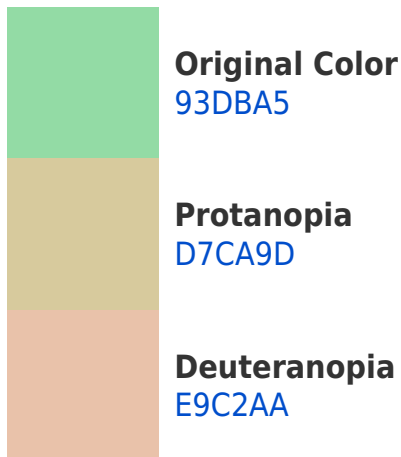


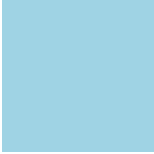
This preview shows how white text looks on a background with the Hex color 93DBA5.

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
9FD3E4

Trichromacy



Original Color
93DBA5



Protanomaly
BED0A0



Deuteranomaly
CACBA8



Tritanomaly
9BD6CD

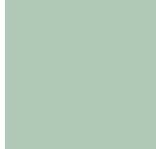
Monochromacy



Original Color
93DBA5



Achromatopsia
BFBFBF



Achromatomaly
AFC9B6

CSS Examples

Text

The CSS property to change the color of the text to Hex 93DBA5 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 #93DBA5 looks like.

```
.text, #text, p{  
    color:#93DBA5  
}
```

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 #93DBA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93DBA5
}
```

Border

The CSS property to change the border of an element to Hex 93DBA5 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
#93DBA5 }
```

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

```
.border{ border-color:#93DBA5 }
```

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

Here you see how a box with a 4 pixel #93DBA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93DBA5; -webkit-box-shadow:4px 4px  
4px 4px #93DBA5; box-shadow:4px 4px 4px  
4px #93DBA5 }
```

Background

The CSS property to change the background color of an element to Hex 93DBA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93DBA5 }
```

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

```
.background{ background-color:#93DBA5 }
```

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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