

# Converting Colors

Hex(A7DA93)

Have a look what the booklet for  
Hex(A7DA93) contains.

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# **Color**

**Hex(A7DA93)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A7DA93
RGB	167, 218, 147
RGB Percent	65%, 85%, 58%
CMY	0.3451, 0.1451, 0.4235
CMYK	0.23, 0.00, 0.33, 0.15
HSL	103°, 49%, 72%
HSV	103°, 33%, 85%
XYZ	46.2742, 60.4649, 36.8357
YIQ	194.6570, -7.6050, -32.8930

# Conversions

## Conversions Part 2

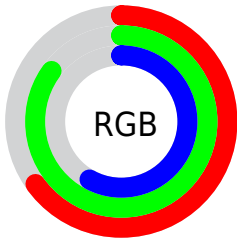
<b>Format</b>	<b>Color</b>
<b>RYB</b>	147, 218, 198
Decimal	11000467
CIELab	82.09, -29.46, 29.76
CIElCh	82, 41.878, 134.708
Yxy	60.4649, 0.3223, 0.4211
Android (android.graphics.Color)	4289190547 (0xFFA7DA93)
YUV	194.6570, -23.4949, -24.2552
Hunter-Lab	77.7592, -29.8538, 26.3448

# Details

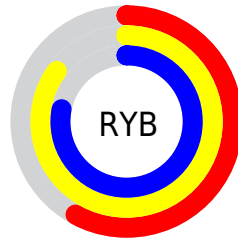
The Hex color **A7DA93** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C693DA**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **DFFFC9**, and **71A360** is the 20% darker color. If you saturate the color by 10%, you get **97DA7D**, and if you desaturate by 10%, it is **B7DAA9**.

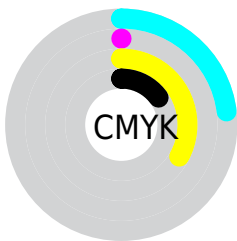
# Distribution



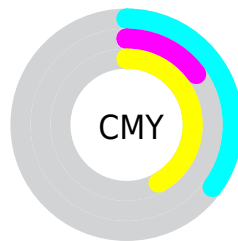
- Red (65%)
- Green (85%)
- Blue (58%)



- Red (58%)
- Yellow (85%)
- Blue (78%)



- Cyan (23%)
- Magenta (0%)
- Yellow (33%)
- Black (15%)



- Cyan (35%)
- Magenta (15%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A7DA93 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 A7DA93 by changing the saturation by 10% instead.



 A7DA93

 A7DA93

FFFFFF

 8CBE79

 DFFFC9

 71A360

 FCFFE6

 588847

 3F6F30

 255619

 0A3E00

 002800

 000E00

 000000

 A7DA93

 A7DA93

 97DA7D

 B7DAA9

 88DA67

 C6DABF

 78DA52

 D6DAD4

 68DA3C

 E6DAEA

 59DA26

 F5DAFF

 49DA10

 FFDAFF

 3DDA00

# Harmonies

## Analogous

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



D3D07F



A7DA93



76E0B6

# Triad

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



A7DA93



71D6FF



FFAEBA

# Complementary

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



A7DA93



C693DA

# 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.



FFB0E2



A7DA93



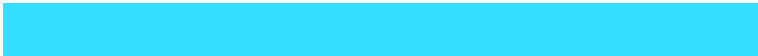
B3C9FF

# Square

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



A7DA93



35DEFF



E9BBFF



FFB697

# Rectangle

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



A7DA93



52E1D1



E9BBFF



FFAEC7

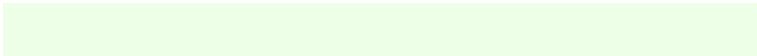


# Sweetspot

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



A7DA93



EDFFE6



DAC693



758070



000000



808080

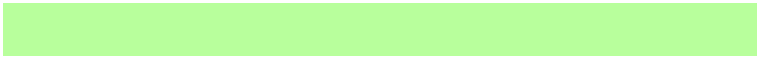


# Same Dimension

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



A7DA93



B8FF9C



93DAA2



666E63



31AD00



0D2E00



# Inverse Universe

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



C693DA



E39CFF



DA93CB



6B636E



7D00AD



21002E



# Previews

## White Background



This preview shows how the Hex color A7DA93 looks on a white background.

## Color Contrast Check

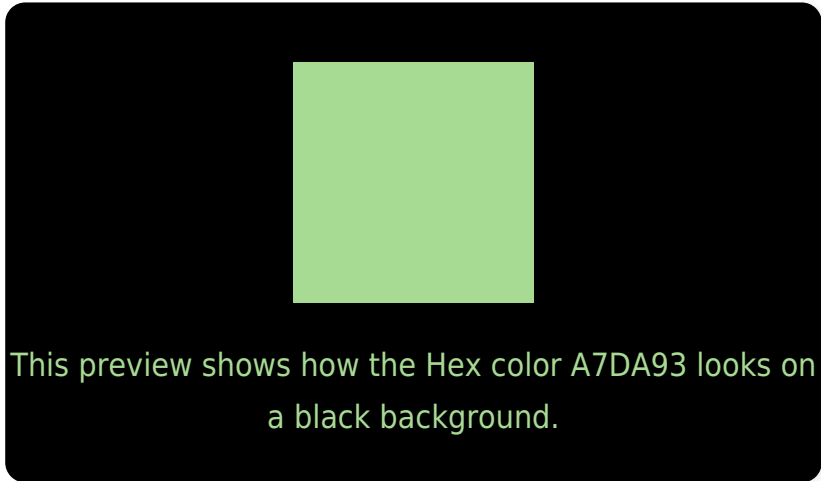
Large Text (above 18pt) WCAG AA × Fail

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

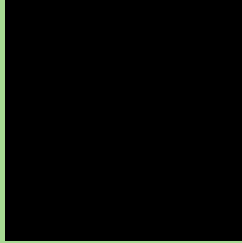
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A7DA93 Background



This preview shows how black text looks on a background with the Hex color A7DA93.

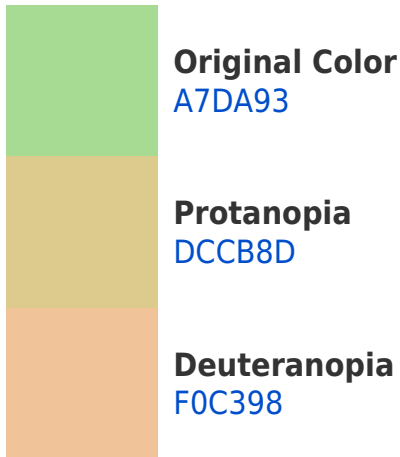


This preview shows how white text looks on a background with the Hex color A7DA93.

# 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**  
B4D0E1

# Trichromacy



**Original Color**

A7DA93



**Protanomaly**

C9D08F



**Deuteranomaly**

D5CB96



**Tritanomaly**

AFD4C5

# Monochromacy



**Original Color**

A7DA93



**Achromatopsia**

C3C3C3



**Achromatomaly**

B9CBB2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A7DA93 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 #A7DA93 looks like.

```
.text, #text, p{  
    color:#A7DA93  
}
```

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 #A7DA93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7DA93
}
```

## Border

The CSS property to change the border of an element to Hex A7DA93 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
#A7DA93 }
```

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

```
.border{ border-color:#A7DA93 }
```

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

Here you see how a box with a 4 pixel #A7DA93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7DA93; -webkit-box-shadow:4px 4px  
4px 4px #A7DA93; box-shadow:4px 4px 4px  
4px #A7DA93 }
```

# Background

The CSS property to change the background color of an element to Hex A7DA93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7DA93 }
```

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

```
.background{ background-color:#A7DA93 }
```

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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