

# Converting Colors

Hex(A4DD91)

Have a look what the booklet for  
Hex(A4DD91) contains.

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# **Color**

**Hex(A4DD91)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A4DD91
RGB	164, 221, 145
RGB Percent	64%, 87%, 57%
CMY	0.3569, 0.1333, 0.4314
CMYK	0.26, 0.00, 0.34, 0.13
HSL	105°, 53%, 72%
HSV	105°, 34%, 87%
XYZ	46.2771, 61.6497, 36.2486
YIQ	195.2930, -9.5760, -35.7200

# Conversions

## Conversions Part 2

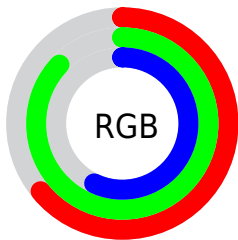
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	145, 221, 202
Decimal	10804625
CIELab	82.73, -32.20, 31.60
CIELCh	83, 45.116, 135.531
Yxy	61.6497, 0.3210, 0.4276
Android (android.graphics.Color)	4288994705 (0xFFA4DD91)
YUV	195.2930, -24.7944, -27.4440
Hunter-Lab	78.5174, -32.1997, 27.5901

# Details

The Hex color **A4DD91** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **CA91DD**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **DCFFC7**, and **6EA65E** is the 20% darker color. If you saturate the color by 10%, you get **93DD7B**, and if you desaturate by 10%, it is **B5DDA7**.

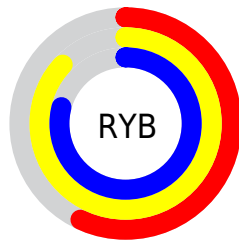
# Distribution



Red (64%)

Green (87%)

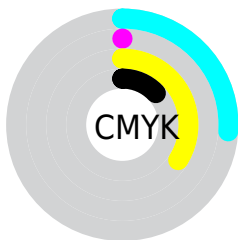
Blue (57%)



Red (57%)

Yellow (87%)

Blue (79%)

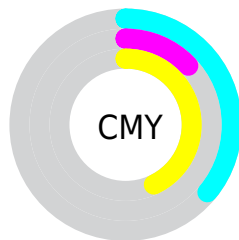


Cyan (26%)

Magenta (0%)

Yellow (34%)

Black (13%)



Cyan (36%)

Magenta (13%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A4DD91 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 A4DD91 by changing the saturation by 10% instead.



 A4DD91

 A4DD91

FFFFFF

 89C177


 DCFFC7


 6EA65E

 F9FFE4

 548B45

 3B712D

 215816

 014000

 002A00

 001100

 000000

 A4DD91

 A4DD91

 93DD7B

 B5DDA7

 83DD65

 C5DDBD

 72DD4F

 D6DDD3

 62DD39

 E6DDE9

 51DD22

 F7DDFF

 41DD0C

 FFDDFF

 37DD00

# Harmonies

## Analogous

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



D4D27B



A4DD91



6DE3B7

# Triad

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



A4DD91



69D8FF



FFADB9

# Complementary

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



A4DD91



CA91DD

# 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.



FFAFE4



A4DD91



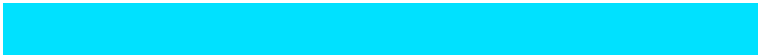
B4CBFF

# Square

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



A4DD91



00E1FF



EEBBFF



FFB693

# Rectangle

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



A4DD91



3FE5D5



EEBBF



FFACC8

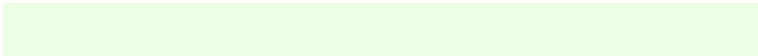


# Sweetspot

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



A4DD91



ECFFE6



DDCA91



748070



000000



808080

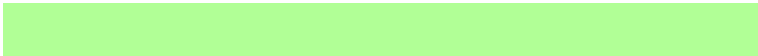


# Same Dimension

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



A4DD91



B1FF96



91DDA4



656E63



2BAD00



0B2E00



# Inverse Universe

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



CA91DD



E596FF



DD91CA



6B636E



8200AD

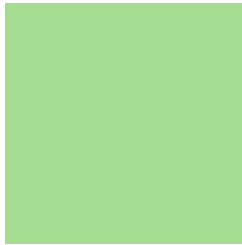


22002E



# Previews

## White Background



This preview shows how the Hex color A4DD91 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 A4DD91 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 A4DD91 Background



This preview shows how black text looks on a background with the Hex color A4DD91.

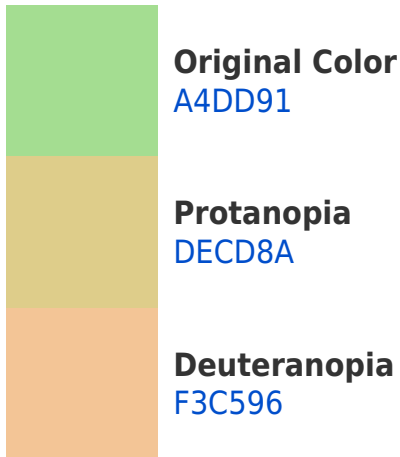


This preview shows how white text looks on a background with the Hex color A4DD91.

# 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](#).

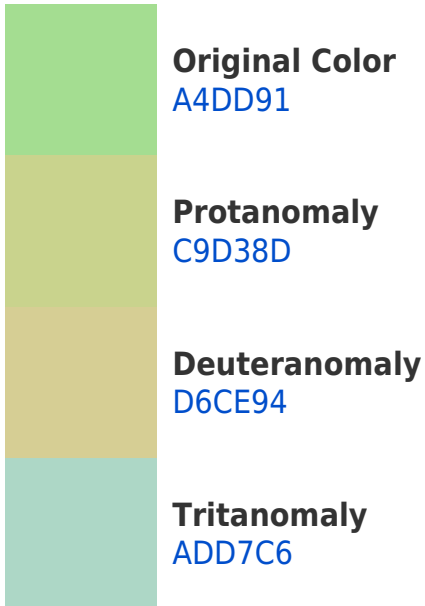
## Dichromacy



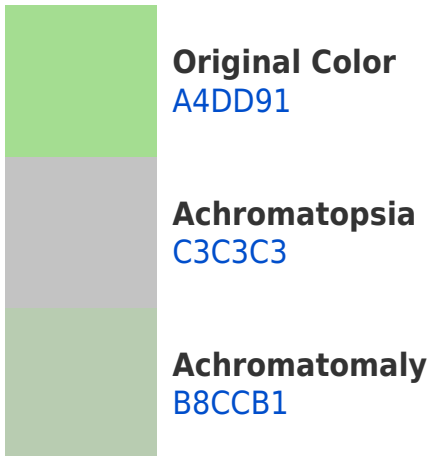


**Tritanopia**  
B2D3E4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A4DD91 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 #A4DD91 looks like.

```
.text, #text, p{  
    color:#A4DD91  
}
```

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 #A4DD91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A4DD91  
}
```

## Border

The CSS property to change the border of an element to Hex A4DD91 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  
#A4DD91 }
```

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

```
.border{ border-color:#A4DD91 }
```

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

Here you see how a box with a 4 pixel #A4DD91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A4DD91; -webkit-box-shadow:4px 4px  
4px 4px #A4DD91; box-shadow:4px 4px 4px  
4px #A4DD91 }
```

# Background

The CSS property to change the background color of an element to Hex A4DD91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A4DD91 }
```

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

```
.background{ background-color:#A4DD91 }
```

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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