

# Converting Colors

Hex(A4DDF3)

Have a look what the booklet for  
Hex(A4DDF3) contains.

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# **Color**

**Hex(A4DDF3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A4DDF3
RGB	164, 221, 243
RGB Percent	64%, 87%, 95%
CMY	0.3569, 0.1333, 0.0471
CMYK	0.33, 0.09, 0.00, 0.05
HSL	197°, 77%, 80%
HSV	197°, 33%, 95%
XYZ	57.3440, 66.0765, 94.5257
YIQ	206.4650, -41.0340, -5.2420

# Conversions

## Conversions Part 2

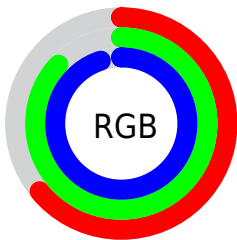
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 197, 243
Decimal	10804723
CIELab	85.04, -13.00, -16.59
CIELCh	85, 21.082, 231.913
Yxy	66.0765, 0.2631, 0.3032
Android (android.graphics.Color)	4288994803 (0xFFA4DDF3)
YUV	206.4650, 18.0118, -37.2418
Hunter-Lab	81.2874, -16.3308, -12.0446

# Details

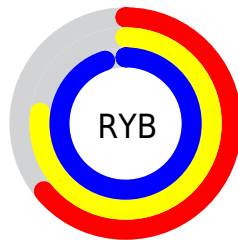
The Hex color **A4DDF3** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **F3BAA4**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **DDFFFF**, and **6DA6BB** is the 20% darker color. If you saturate the color by 10%, you get **8CD6F3**, and if you desaturate by 10%, it is **BCE4F3**.

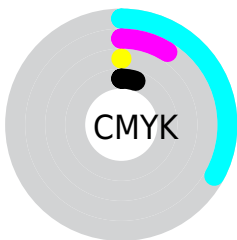
# Distribution



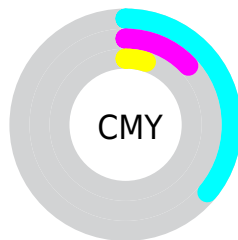
- Red (64%)
- Green (87%)
- Blue (95%)



- Red (64%)
- Yellow (77%)
- Blue (95%)



- Cyan (33%)
- Magenta (9%)
- Yellow (0%)
- Black (5%)



- Cyan (36%)
- Magenta (13%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A4DDF3 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 A4DDF3 by changing the saturation by 10% instead.



 A4DDF3

 A4DDF3

FFFFFF

 88C1D7

 DDFFFF

 6DA6BB

 FAFFFF

 538CA0

 377286

 19596C

 004254

 002C3D

 001827

 000112

 A4DDF3

 A4DDF3

 8CD6F3

 BCE4F3

 73CFF3

 D5EBF3

 5BC9F3

 EDF1F3

 43C2F3

 FFF8F3

 2BBBF3

 FFFFF3

 12B4F3

 00AFF3

# Harmonies

## Analogous

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



9FE0E2



A4DDF3



B7D8FB

# Triad

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



A4DDF3



F9C7DB



D4D8AF

# Complementary

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



A4DDF3



F3BAA4

# 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.



E9D1AD



A4DDF3



FEC7C6

# Square

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



A4DDF3



E9CBED



F8CBB6



BDDDBB

# Rectangle

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



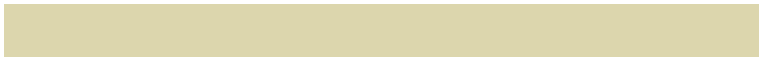
A4DDF3



C8D3FB



F8CBB6



DCD6AD



# Sweetspot

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



A4DDF3



E6F8FF



A4F3B9



707B80



000000



808080

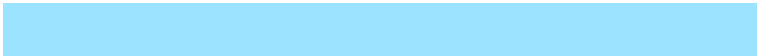


# Same Dimension

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



A4DDF3



9CE3FF



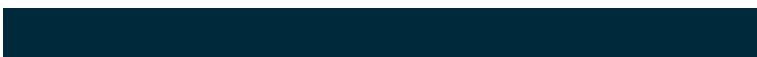
A4B6F3



6E777A



0086BA



002A3B



# Inverse Universe

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



F3A4DD



FF9CE3



F3E1A4



7A6E77



BA0086

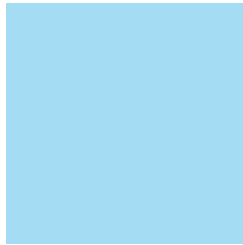


3B002A



# Previews

## White Background



This preview shows how the Hex color A4DDF3 looks on a white background.

## Color Contrast Check

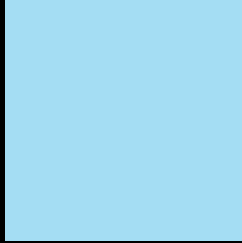
Large Text (above 18pt) WCAG AA × Fail

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 A4DDF3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

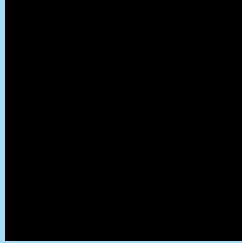
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A4DDF3 Background



This preview shows how black text looks on a background with the Hex color A4DDF3.

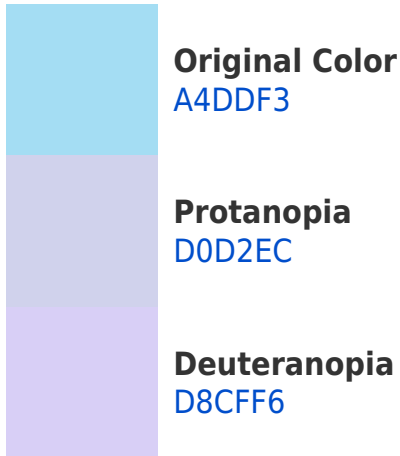


This preview shows how white text looks on a background with the Hex color A4DDF3.

# 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](#).

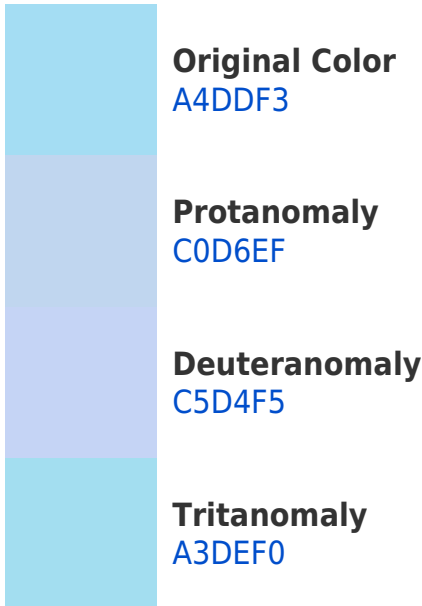
## Dichromacy



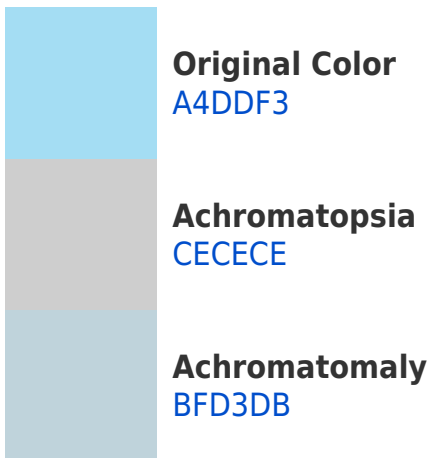


**Tritanopia**  
A3DEEF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A4DDF3 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 #A4DDF3 looks like.

```
.text, #text, p{  
    color:#A4DDF3  
}
```

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 #A4DDF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A4DDF3
}
```

## Border

The CSS property to change the border of an element to Hex A4DDF3 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
#A4DDF3 }
```

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

```
.border{ border-color:#A4DDF3 }
```

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

Here you see how a box with a 4 pixel #A4DDF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A4DDF3; -webkit-box-shadow:4px 4px  
4px 4px #A4DDF3; box-shadow:4px 4px 4px  
4px #A4DDF3 }
```

# Background

The CSS property to change the background color of an element to Hex A4DDF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A4DDF3 }
```

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

```
.background{ background-color:#A4DDF3 }
```

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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