

# Converting Colors

Hex(A3DFA0)

Have a look what the booklet for  
Hex(A3DFA0) contains.

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# **Color**

**Hex(A3DFA0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A3DFA0
RGB	163, 223, 160
RGB Percent	64%, 87%, 63%
CMY	0.3608, 0.1255, 0.3725
CMYK	0.27, 0.00, 0.28, 0.13
HSL	117°, 50%, 75%
HSV	117°, 28%, 87%
XYZ	47.8371, 63.0999, 42.9159
YIQ	197.8780, -15.5370, -32.3130

# Conversions

## Conversions Part 2

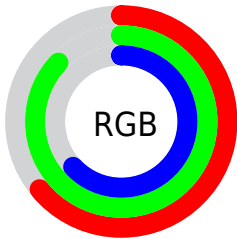
Format	Color
<a href="#">RYB</a>	<a href="#">160, 223, 220</a>
Decimal	<a href="#">10739616</a>
CIELab	<a href="#">83.49, -31.14, 24.90</a>
CIELCh	<a href="#">83, 39.871, 141.346</a>
Yxy	<a href="#">63.0999, 0.3109, 0.4101</a>
Android (android.graphics.Color)	<a href="#">4288929696 (0xFFA3DFA0)</a>
YUV	<a href="#">197.8780, -18.6739, -30.5880</a>
Hunter-Lab	<a href="#">79.4355, -31.5170, 23.5727</a>

# Details

The Hex color **A3DFA0** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **DCA0DF**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **DBFFD7**, and **6DA76C** is the 20% darker color. If you saturate the color by 10%, you get **8EDF8A**, and if you desaturate by 10%, it is **B8DFB6**.

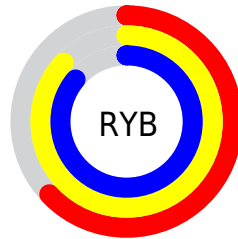
# Distribution



Red (64%)

Green (87%)

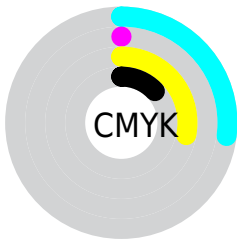
Blue (63%)



Red (63%)

Yellow (87%)

Blue (86%)

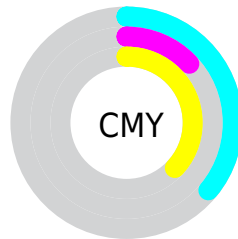


Cyan (27%)

Magenta (0%)

Yellow (28%)

Black (13%)



Cyan (36%)

Magenta (13%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A3DFA0 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 A3DFA0 by changing the saturation by 10% instead.



 A3DFA0

 A3DFA0

FFFFFF

 88C386

 DBFFD7

 6DA76C

 F8FFF4

 548D53

 3A733C

 205A25

 01420F

 002B00

 001500

 000000

 A3DFA0

 A3DFA0

 8EDF8A

 B8DFB6

 79DF73

 CDDFCD

 63DF5D

 E3DFE3

 4EDF47

 F8DFF9

 39DF30

 FFDFFF

 24DF1A

 0EDF04

 0BDF00

# Harmonies

## Analogous

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



CED689



A3DFA0



75E4C4

# Triad

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



A3DFA0



8AD7FF



FFB5B7

# Complementary

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



A3DFA0



DCA0DF

# 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.



FFB4DD



A3DFA0



C5CAFF

# Square

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



A3DFA0



54E0FF



F5BDF5



FFBD97

# Rectangle

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



A3DFA0



58E5DE



F5BDFF



FFB3C3

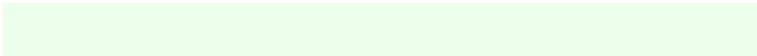


# Sweetspot

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



A3DFA0



ECFFEB



DFDCA0



738073



000000



808080

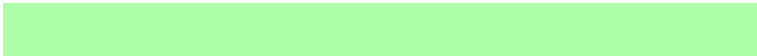


# Same Dimension

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



A3DFA0



ACFFA8



A0DFBC



667065



08B000



023000



# Inverse Universe

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



DCA0DF



FBA8FF



DFA0C3



706570



A800B0

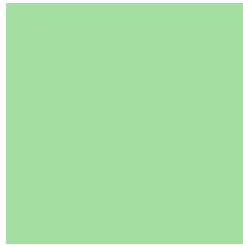


2E0030



# Previews

## White Background



This preview shows how the Hex color A3DFA0 looks on a white background.

## Color Contrast Check

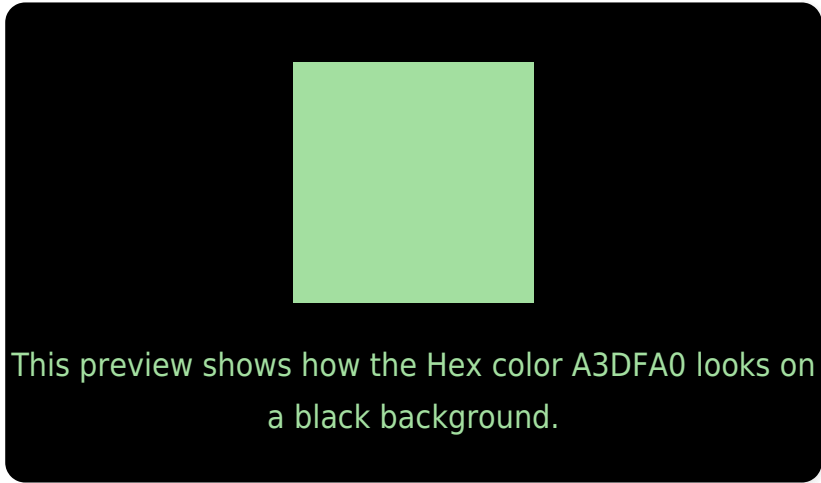
Large Text (above 18pt) WCAG AA × Fail

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

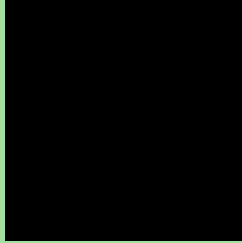
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A3DFA0 Background



This preview shows how black text looks on a background with the Hex color A3DFA0.

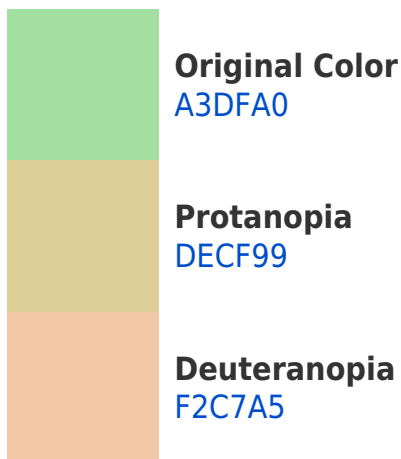


This preview shows how white text looks on a background with the Hex color A3DFA0.

# 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](#).

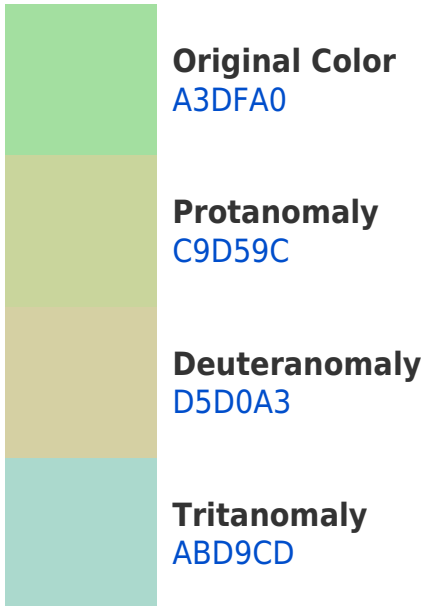
## Dichromacy



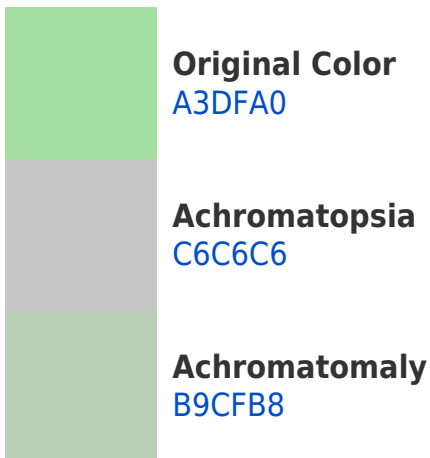


**Tritanopia**  
B0D6E7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A3DFA0 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 #A3DFA0 looks like.

```
.text, #text, p{  
    color:#A3DFA0  
}
```

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 #A3DFA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3DFA0
}
```

## Border

The CSS property to change the border of an element to Hex A3DFA0 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
#A3DFA0 }
```

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

```
.border{ border-color:#A3DFA0 }
```

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

Here you see how a box with a 4 pixel #A3DFA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3DFA0; -webkit-box-shadow:4px 4px  
4px 4px #A3DFA0; box-shadow:4px 4px 4px  
4px #A3DFA0 }
```

# Background

The CSS property to change the background color of an element to Hex A3DFA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3DFA0 }
```

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

```
.background{ background-color:#A3DFA0 }
```

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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