

# Converting Colors

Hex(A3D784)

Have a look what the booklet for  
Hex(A3D784) contains.

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# **Color**

**Hex(A3D784)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A3D784
RGB	163, 215, 132
RGB Percent	64%, 84%, 52%
CMY	0.3608, 0.1569, 0.4824
CMYK	0.24, 0.00, 0.39, 0.16
HSL	98°, 51%, 68%
HSV	98°, 39%, 84%
XYZ	43.5696, 58.0534, 30.7389
YIQ	189.9900, -4.3490, -36.8370

# Conversions

## Conversions Part 2

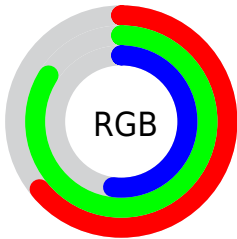
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">132, 215, 184</a>
Decimal	<a href="#">10737540</a>
CIELab	<a href="#">80.77, -31.58, 35.64</a>
CIElCh	<a href="#">81, 47.620, 131.544</a>
Yxy	<a href="#">58.0534, 0.3292, 0.4386</a>
Android (android.graphics.Color)	<a href="#">4288927620</a> ( <a href="#">0xFFA3D784</a> )
YUV	<a href="#">189.9900, -28.5891, -23.6702</a>
Hunter-Lab	<a href="#">76.1927, -31.2651, 29.4152</a>

# Details

The Hex color **A3D784** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **B884D7**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **DBFFBA**, and **6DA051** is the 20% darker color. If you saturate the color by 10%, you get **96D76F**, and if you desaturate by 10%, it is **B0D79A**.

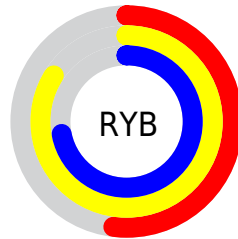
# Distribution



Red (64%)

Green (84%)

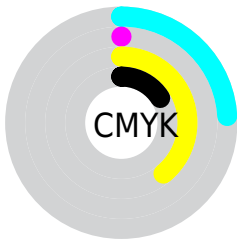
Blue (52%)



Red (52%)

Yellow (84%)

Blue (72%)

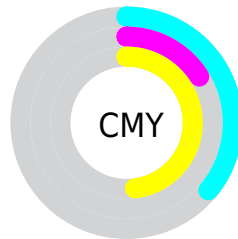


Cyan (24%)

Magenta (0%)

Yellow (39%)

Black (16%)



Cyan (36%)

Magenta (16%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A3D784 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 A3D784 by changing the saturation by 10% instead.



 A3D784

 A3D784

FFFFFF

 88BB6A

 DBFFBA

 6DA051

 F8FFD6

 538639

 FFFFF3

 3A6C21

 205306

 043C00

 002600

 000500

 000000

 A3D784

 A3D784

 96D76F

 B0D79A

 88D759

 BED7AF

 7BD744

 CBD7C5

 6DD72E

 D9D7DA

 60D718

 E6D7F0

 52D703

 F4D7FF

 50D700

 FFD7FF

# Harmonies

## Analogous

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



D4CB6F



A3D784



68DEAB

# Triad

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



A3D784



46D5FF



FFA5B9

# Complementary

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



A3D784



B884D7

# 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.



FFA9E6



A3D784



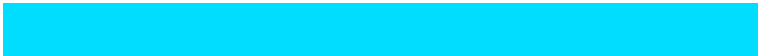
A2C7FF

# Square

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



A3D784



00DDFF



E3B6FF



FFAD90

# Rectangle

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



A3D784



2FE0C9



E3B6FF



FFA5C8



# Sweetspot

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



A3D784



ECFFE0



D7B784



74806E



000000



808080

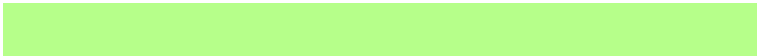


# Same Dimension

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



A3D784



B6FF8A



84D78E



646B60



40AB00



102B00



# Inverse Universe

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



B884D7



D38AFF



D784CD



67606B



6B00AB



1B002B



# Previews

## White Background



This preview shows how the Hex color A3D784 looks on a white background.

## Color Contrast Check

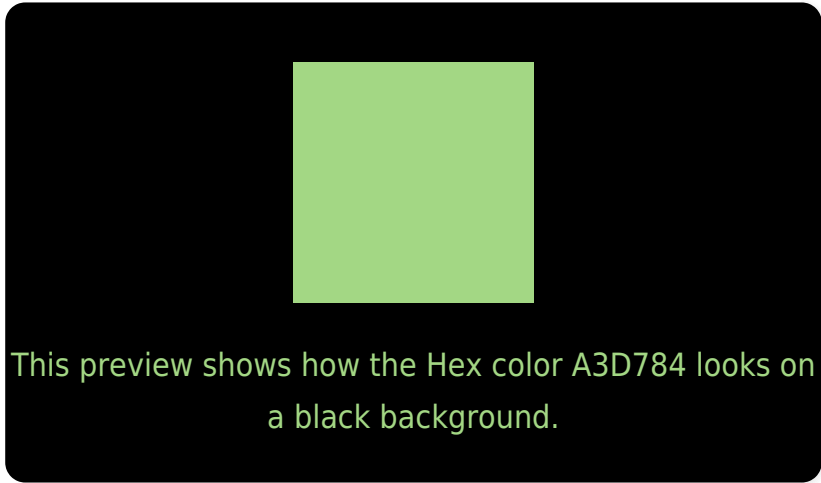
Large Text (above 18pt) WCAG AA × Fail

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 A3D784 Background



This preview shows how black text looks on a background with the Hex color A3D784.

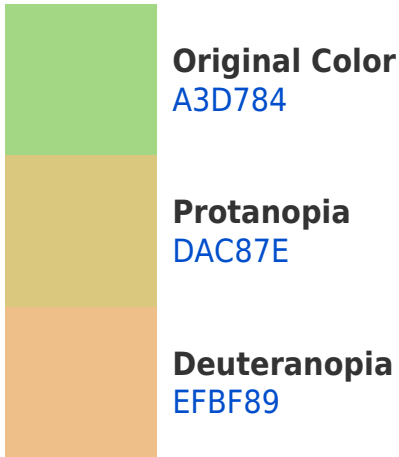


This preview shows how white text looks on a background with the Hex color A3D784.

# Color Blindness Simulation

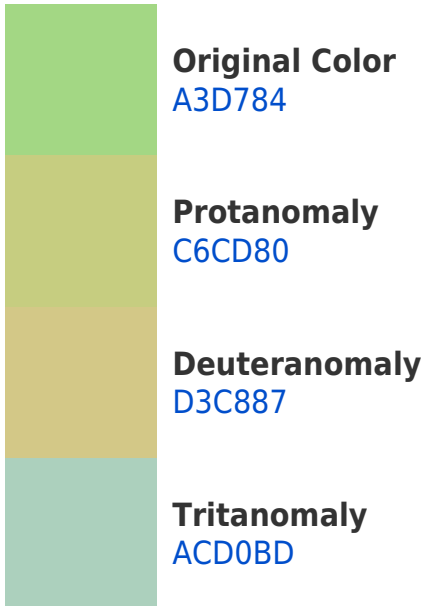
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

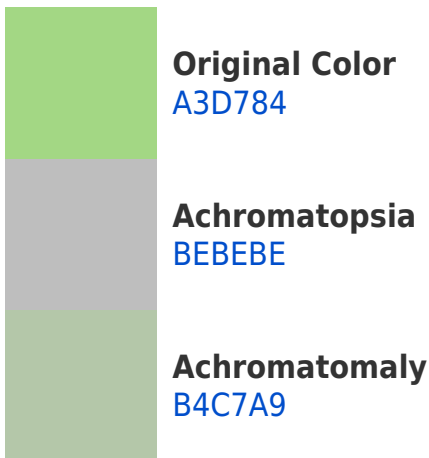




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A3D784 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 #A3D784 looks like.

```
.text, #text, p{  
    color:#A3D784  
}
```

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 #A3D784 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3D784  
}
```

## Border

The CSS property to change the border of an element to Hex A3D784 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  
#A3D784 }
```

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

```
.border{ border-color:#A3D784 }
```

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

Here you see how a box with a 4 pixel #A3D784 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3D784; -webkit-box-shadow:4px 4px  
4px 4px #A3D784; box-shadow:4px 4px 4px  
4px #A3D784 }
```

# Background

The CSS property to change the background color of an element to Hex A3D784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3D784 }
```

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

```
.background{ background-color:#A3D784 }
```

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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