

# Converting Colors

Hex(A3D68E)

Have a look what the booklet for  
Hex(A3D68E) contains.

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# **Color**

**Hex(A3D68E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A3D68E
RGB	163, 214, 142
RGB Percent	64%, 84%, 56%
CMY	0.3608, 0.1608, 0.4431
CMYK	0.24, 0.00, 0.34, 0.16
HSL	103°, 47%, 70%
HSV	103°, 34%, 84%
XYZ	44.0333, 57.8327, 34.4332
YIQ	190.5430, -7.2840, -33.2040

# Conversions

## Conversions Part 2

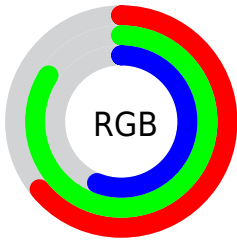
<b>Format</b>	<b>Color</b>
<b>RYB</b>	142, 214, 193
Decimal	10737294
CIELab	80.65, -29.69, 30.37
CIELCh	81, 42.471, 134.350
Yxy	57.8327, 0.3231, 0.4243
Android (android.graphics.Color)	4288927374 (0xFFA3D68E)
YUV	190.5430, -23.9317, -24.1552
Hunter-Lab	76.0478, -29.7283, 26.3879

# Details

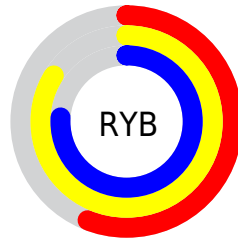
The Hex color **A3D68E** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C18ED6**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **DBFFC4**, and **6E9F5B** is the 20% darker color. If you saturate the color by 10%, you get **94D679**, and if you desaturate by 10%, it is **B2D6A3**.

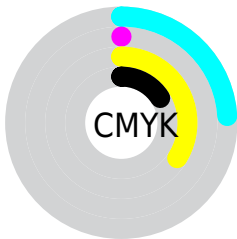
# Distribution



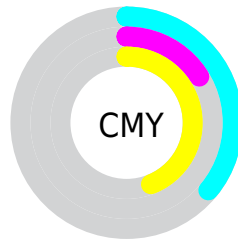
- Red (64%)
- Green (84%)
- Blue (56%)



- Red (56%)
- Yellow (84%)
- Blue (76%)



- Cyan (24%)
- Magenta (0%)
- Yellow (34%)
- Black (16%)



- Cyan (36%)
- Magenta (16%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A3D68E 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 A3D68E by changing the saturation by 10% instead.



 A3D68E

 A3D68E

FFFFFF

 88BA74

 DBFFC4

 6E9F5B

 F8FFE0

 548543


FFFFFFD

 3B6B2B

 215314

 063B00

 002500

 000400

 000000

 A3D68E

 A3D68E

 94D679

 B2D6A3

 85D663

 C1D6B9

 76D64E

 D0D6CE

 66D638

 E0D6E4

 57D623

 EFD6F9

 48D60E

 FED6FF

 3ED600

 FFD6FF

# Harmonies

## Analogous

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



CFCC7A



A3D68E



71DCB1

# Triad

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



A3D68E



6AD2FF



FFAAB6

# Complementary

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



A3D68E



C18ED6

# 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.



FFACDF



A3D68E



AEC5FF

# Square

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



A3D68E



23DAFE



E5B7FF



FFB192

# Rectangle

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



A3D68E



4BDDCD



E5B7FF



FFA9C4



# Sweetspot

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



A3D68E



EDFFE6



D6C08E



758070



000000



808080

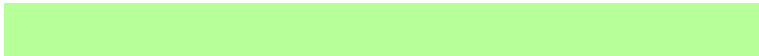


# Same Dimension

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



A3D68E



B7FF99



8ED69C



646B60



32AB00



0D2B00



# Inverse Universe

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



C18ED6



E199FF



D68EC8



68606B



7900AB

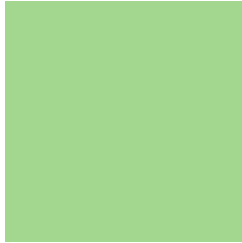


1F002B



# Previews

## White Background



This preview shows how the Hex color A3D68E looks on a white background.

## Color Contrast Check

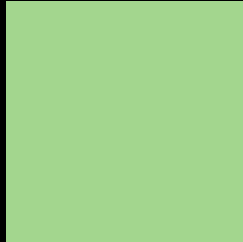
Large Text (above 18pt) WCAG AA × Fail

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 A3D68E looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

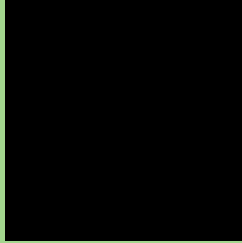
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A3D68E Background



This preview shows how black text looks on a background with the Hex color A3D68E.

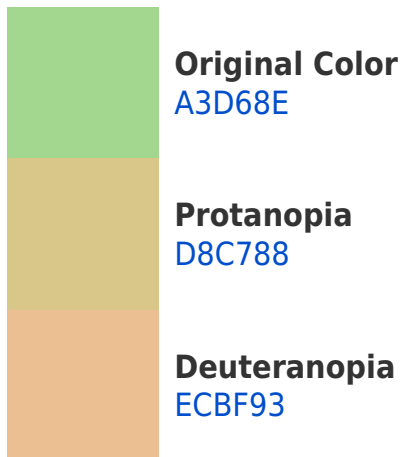


This preview shows how white text looks on a background with the Hex color A3D68E.

# Color Blindness Simulation

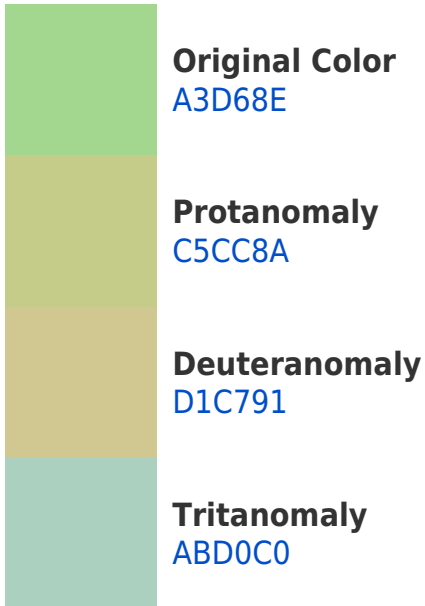
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

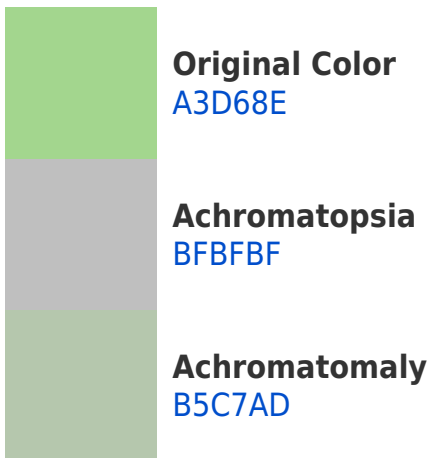




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A3D68E 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 #A3D68E looks like.

```
.text, #text, p{  
    color:#A3D68E  
}
```

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 #A3D68E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3D68E
}
```

## Border

The CSS property to change the border of an element to Hex A3D68E 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
#A3D68E }
```

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

```
.border{ border-color:#A3D68E }
```

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

Here you see how a box with a 4 pixel #A3D68E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3D68E; -webkit-box-shadow:4px 4px  
4px 4px #A3D68E; box-shadow:4px 4px 4px  
4px #A3D68E }
```

# Background

The CSS property to change the background color of an element to Hex A3D68E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3D68E }
```

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

```
.background{ background-color:#A3D68E }
```

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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