

Converting Colors

Hex(A3D487)

Have a look what the booklet for
Hex(A3D487) contains.

Hex(A3D487)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A3D487)

Conversions

Conversions Part 1

Format	Color
Hex	A3D487
RGB	163, 212, 135
RGB Percent	64%, 83%, 53%
CMY	0.3608, 0.1686, 0.4706
CMYK	0.23, 0.00, 0.36, 0.17
HSL	98°, 47%, 68%
HSV	98°, 36%, 83%
XYZ	43.0209, 56.6228, 31.5835
YIQ	188.5710, -4.4870, -34.3350

Conversions

Conversions Part 2

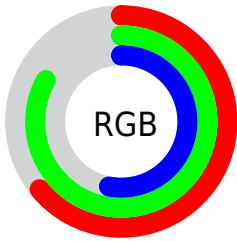
Format	Color
RYB	135, 212, 184
Decimal	10736775
CIELab	79.97, -29.75, 33.07
CIELCh	80, 44.482, 131.978
Yxy	56.6228, 0.3278, 0.4315
Android (android.graphics.Color)	4288926855 (0xFFA3D487)
YUV	188.5710, -26.4105, -22.4258
Hunter-Lab	75.2481, -29.6320, 27.7882

Details

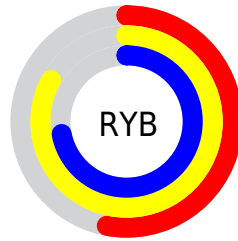
The Hex color **A3D487** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **B887D4**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **DBFFBD**, and **6E9D54** is the 20% darker color. If you saturate the color by 10%, you get **96D472**, and if you desaturate by 10%, it is **B0D49C**.

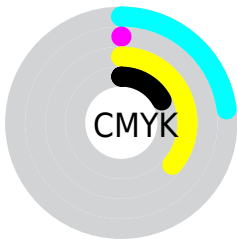
Distribution



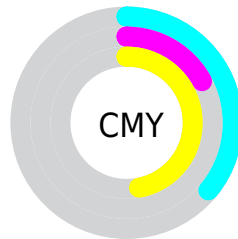
- Red (64%)
- Green (83%)
- Blue (53%)



- Red (53%)
- Yellow (83%)
- Blue (72%)



- Cyan (23%)
- Magenta (0%)
- Yellow (36%)
- Black (17%)



- Cyan (36%)
- Magenta (17%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color A3D487 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 A3D487 by changing the saturation by 10% instead.



A3D487



A3D487

FFFFFF



88B86D



DBFFBD



6E9D54



F8FFD9



54833C



FFFFFF6



3B6924



21510B



073900



002400



000000



A3D487



A3D487

 96D472

 B0D49C

 88D45D

 BED4B1

 7BD447

 CBD4C7

 6DD432

 D9D4DC

 60D41D

 E6D4F1

 52D408

 F4D4FF

 4DD400

 FFD4FF

Harmonies

Analogous

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



D1C974



A3D487



6EDAAB

Triad

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



A3D487



58D2FF



FFA6B7

Complementary

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



A3D487



B887D4

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.



FFA9E1



A3D487



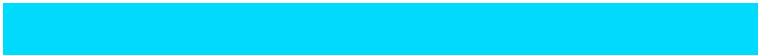
A4C5FF

Square

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



A3D487



00DAFD



E0B5FF



FFAD91

Rectangle

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



A3D487



41DCC8



E0B5FF



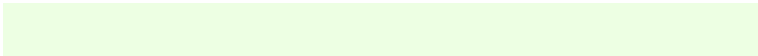
FFA5C5

Sweetspot

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



A3D487



EDFFE3



D4B887



75806F



000000



808080

Same Dimension

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



A3D487



B8FF8F



87D491



646B60



3EAB00



102B00

Inverse Universe

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



B887D4



D68FFF



D487CA



67606B



6D00AB



1C002B

Previews

White Background



This preview shows how the Hex color A3D487 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 A3D487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

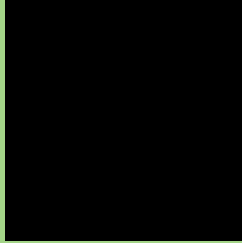
Any Text WCAG AA ✓ Pass

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 A3D487 Background



This preview shows how black text looks on a background with the Hex color A3D487.

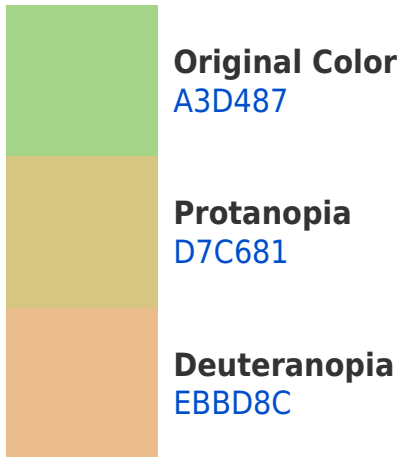


This preview shows how white text looks on a background with the Hex color A3D487.

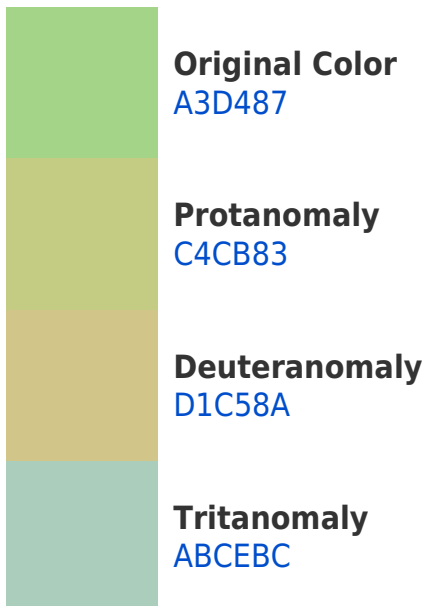
Color Blindness Simulation

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](#).

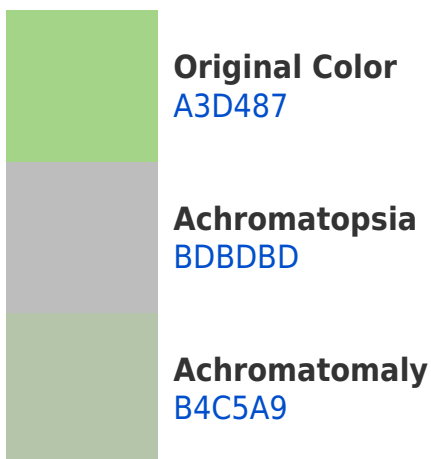
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A3D487 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 #A3D487 looks like.

```
.text, #text, p{  
    color:#A3D487  
}
```

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 #A3D487 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3D487
}
```

Border

The CSS property to change the border of an element to Hex A3D487 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
#A3D487 }
```

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

```
.border{ border-color:#A3D487 }
```

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

Here you see how a box with a 4 pixel #A3D487 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3D487; -webkit-box-shadow:4px 4px  
4px 4px #A3D487; box-shadow:4px 4px 4px  
4px #A3D487 }
```

Background

The CSS property to change the background color of an element to Hex A3D487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3D487 }
```

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

```
.background{ background-color:#A3D487 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor