

# Converting Colors

Hex(A2DE7A)

Have a look what the booklet for  
Hex(A2DE7A) contains.

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# Color

**Hex(A2DE7A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A2DE7A
RGB	162, 222, 122
RGB Percent	64%, 87%, 48%
CMY	0.3647, 0.1294, 0.5216
CMYK	0.27, 0.00, 0.45, 0.13
HSL	96°, 60%, 67%
HSV	96°, 45%, 87%
XYZ	44.5344, 61.3291, 27.9028
YIQ	192.6600, -3.6600, -43.8200

# Conversions

## Conversions Part 2

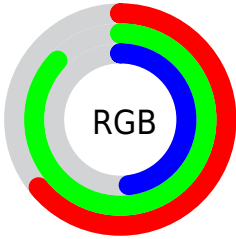
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">122, 222, 182</a>
Decimal	<a href="#">10673786</a>
CIELab	<a href="#">82.56, -36.46, 42.89</a>
CIELCh	<a href="#">83, 56.290, 130.368</a>
Yxy	<a href="#">61.3291, 0.3329, 0.4585</a>
Android (android.graphics.Color)	<a href="#">4288863866 (0xFFA2DE7A)</a>
YUV	<a href="#">192.6600, -34.8354, -26.8888</a>
Hunter-Lab	<a href="#">78.3129, -35.5394, 33.6940</a>

# Details

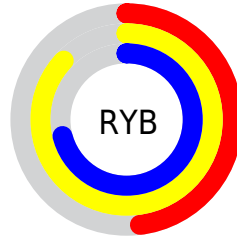
The Hex color **A2DE7A** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **B67ADE**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **DBFFB0**, and **6BA647** is the 20% darker color. If you saturate the color by 10%, you get **95DE64**, and if you desaturate by 10%, it is **AFDE90**.

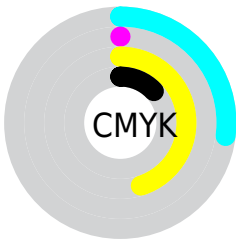
# Distribution



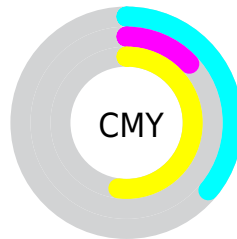
- Red (64%)
- Green (87%)
- Blue (48%)



- Red (48%)
- Yellow (87%)
- Blue (71%)



- Cyan (27%)
- Magenta (0%)
- Yellow (45%)
- Black (13%)



- Cyan (36%)
- Magenta (13%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A2DE7A 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 A2DE7A by changing the saturation by 10% instead.



 A2DE7A

 A2DE7A

FFFFFF

 86C260

 DBFFB0

 6BA647

 F8FFCC

 518C2D

 FFFFE8

 367212

 195900

 004100

 002B00

 001000

 000000

 A2DE7A

 A2DE7A

 95DE64

 AFDE90

 87DE4E

 BDDEA6

 7ADE37

 CADEBD

 6DDE21

 D7DED3

 5FDE0B

 E5DEE9

 59DE00

 F2DEFF

 FFDEFF

# Harmonies

## Analogous

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



DCD062



A2DE7A



55E6A8

# Triad

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



A2DE7A



00DDFF



FFA1BD

# Complementary

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



A2DE7A



B67ADE

# Split Complementary

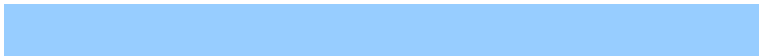
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFA7F2



A2DE7A



97CDFF

# Square

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



A2DE7A



00E6FF



EAB8FF



FFAC8C

# Rectangle

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



A2DE7A



00E8CC



EAB8FF



FFA1CF

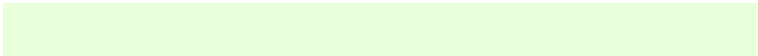


# Sweetspot

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



A2DE7A



EAFFDB



DEB67A



72806A



000000



808080

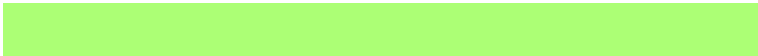


# Same Dimension

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



A2DE7A



ACFF75



7ADE84



697065



46B000



133000



# Inverse Universe

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



B67ADE



C875FF



DE7AD4



6C6570



6A00B0



1D0030



# Previews

## White Background



This preview shows how the Hex color A2DE7A looks on a white background.

## Color Contrast Check

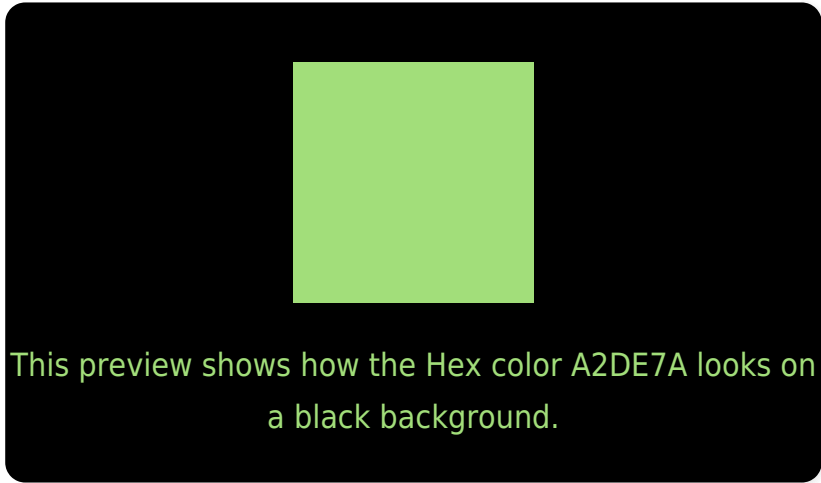
Large Text (above 18pt) WCAG AA × Fail

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 A2DE7A Background



This preview shows how black text looks on a background with the Hex color A2DE7A.

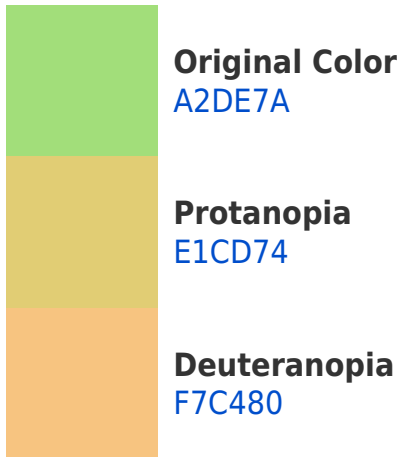


This preview shows how white text looks on a background with the Hex color A2DE7A.

# 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](#).

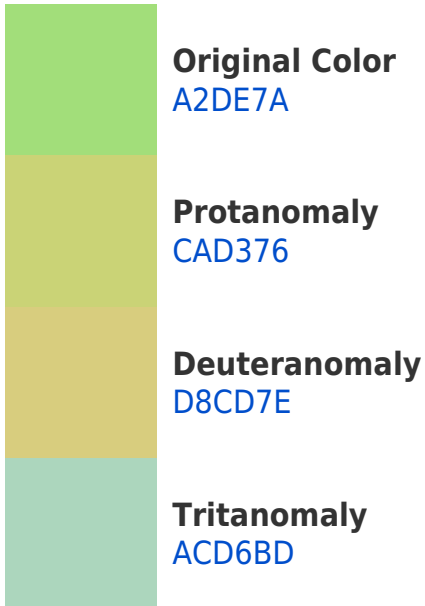
## Dichromacy



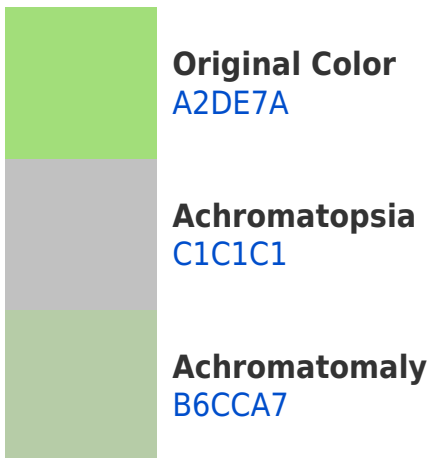


**Tritanopia**  
B2D2E3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A2DE7A 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 #A2DE7A looks like.

```
.text, #text, p{  
    color:#A2DE7A  
}
```

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 #A2DE7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2DE7A
}
```

## Border

The CSS property to change the border of an element to Hex A2DE7A 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
#A2DE7A }
```

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

```
.border{ border-color:#A2DE7A }
```

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

Here you see how a box with a 4 pixel #A2DE7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2DE7A; -webkit-box-shadow:4px 4px  
4px 4px #A2DE7A; box-shadow:4px 4px 4px  
4px #A2DE7A }
```

# Background

The CSS property to change the background color of an element to Hex A2DE7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2DE7A }
```

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

```
.background{ background-color:#A2DE7A }
```

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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