

# Converting Colors

Hex(ADE3D6)

Have a look what the booklet for  
Hex(ADE3D6) contains.

<b>Hex(ADE3D6)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(ADE3D6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ADE3D6
RGB	173, 227, 214
RGB Percent	68%, 89%, 84%
CMY	0.3216, 0.1098, 0.1608
CMYK	0.24, 0.00, 0.06, 0.11
HSL	166°, 49%, 78%
HSV	166°, 24%, 89%
XYZ	56.8403, 68.6774, 73.8786
YIQ	209.3720, -28.0110, -15.4910

# Conversions

## Conversions Part 2

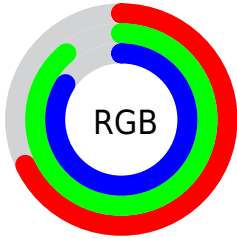
<b>Format</b>	<b>Color</b>
<b>RYB</b>	173, 204, 227
Decimal	11396054
CIELab	86.34, -19.89, 0.71
CIELCh	86, 19.898, 177.954
Yxy	68.6774, 0.2851, 0.3444
Android (android.graphics.Color)	4289586134 (0xFFADE3D6)
YUV	209.3720, 2.2816, -31.8982
Hunter-Lab	82.8719, -22.5959, 5.1545

# Details

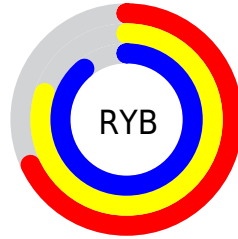
The Hex color **ADE3D6** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E3ADBA**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **E5FFFF**, and **77AB9F** is the 20% darker color. If you saturate the color by 10%, you get **96E3D1**, and if you desaturate by 10%, it is **C4E3DB**.

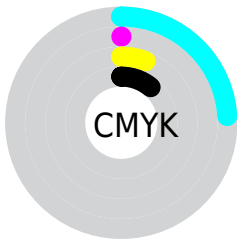
# Distribution



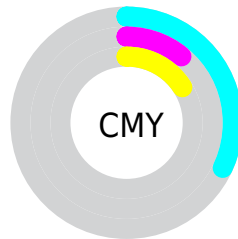
- Red (68%)
- Green (89%)
- Blue (84%)



- Red (68%)
- Yellow (80%)
- Blue (89%)



- Cyan (24%)
- Magenta (0%)
- Yellow (6%)
- Black (11%)



- Cyan (32%)
- Magenta (11%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ADE3D6 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 ADE3D6 by changing the saturation by 10% instead.



 ADE3D6

 ADE3D6

FFFFFF

 92C7BA


 E5FFFF

 77AB9F

 5E9185


 44776C

 2B5E54

 11463D

 003027

 001C12

 000000

 ADE3D6

 ADE3D6

 96E3D1

 C4E3DB

 80E3CB

 DAE3E1

 69E3C6

 F1E3E6

 52E3C0

 FFE3EC

 3CE3BB

 FFE3F1

 25E3B5

 FFE3F7

 0EE3B0

 FFE3FC

 00E3AC

 FFE3FF

# Harmonies

## Analogous

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



BEE1C4



ADE3D6



A6E3E9

# Triad

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



ADE3D6



DAD4F9



F8D0B9

# Complementary

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



ADE3D6



E3ADBA

# 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.



FFCC7



ADE3D6



F0CEEC

# Square

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



ADE3D6



C1DAFD



FDCBDA



E8D6B3

# Rectangle

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



ADE3D6



A9E1F3



FDCBDA



FCCFBD



# Sweetspot

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



ADE3D6



EDFFFB



BBE3AD



75807D



000000



808080

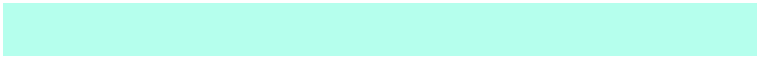


# Same Dimension

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



ADE3D6



B5FFED



ADD5E3



677370



00B388



003327



# Inverse Universe

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



E3ADBA



FFB5C7



E3BBAD



73676A



B3002B

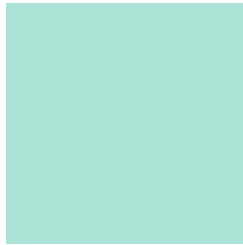


33000C



# Previews

## White Background



This preview shows how the Hex color ADE3D6 looks on a white background.

## Color Contrast Check

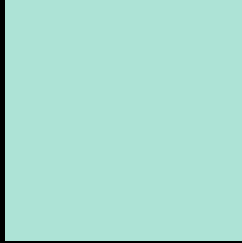
Large Text (above 18pt) WCAG AA × Fail

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 ADE3D6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

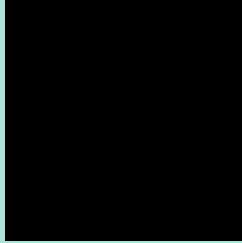
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

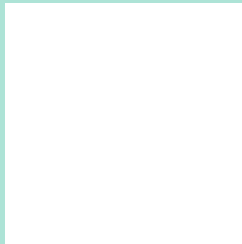
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex ADE3D6 Background



This preview shows how black text looks on a background with the Hex color ADE3D6.

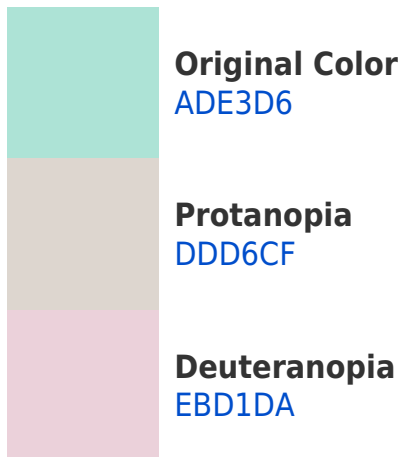


This preview shows how white text looks on a background with the Hex color ADE3D6.

# 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



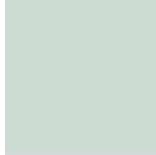


**Tritanopia**  
B2DFF1

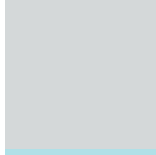
# Trichromacy



**Original Color**  
ADE3D6



**Protanomaly**  
CCDBD2



**Deuteranomaly**  
D4D8D9

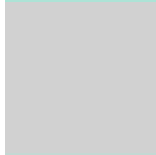


**Tritanomaly**  
B0E0E7

# Monochromacy



**Original Color**  
ADE3D6



**Achromatopsia**  
D1D1D1



**Achromatomaly**  
C4D8D3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ADE3D6 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 #ADE3D6 looks like.

```
.text, #text, p{  
    color:#ADE3D6  
}
```

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 #ADE3D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ADE3D6  
}
```

## Border

The CSS property to change the border of an element to Hex ADE3D6 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  
#ADE3D6 }
```

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

```
.border{ border-color:#ADE3D6 }
```

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

Here you see how a box with a 4 pixel #ADE3D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ADE3D6; -webkit-box-shadow:4px 4px  
4px 4px #ADE3D6; box-shadow:4px 4px 4px  
4px #ADE3D6 }
```

# Background

The CSS property to change the background color of an element to Hex ADE3D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ADE3D6 }
```

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

```
.background{ background-color:#ADE3D6 }
```

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