

# Converting Colors

Hex(A3E0D3)

Have a look what the booklet for  
Hex(A3E0D3) contains.

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# **Color**

**Hex(A3E0D3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A3E0D3
RGB	163, 224, 211
RGB Percent	64%, 88%, 83%
CMY	0.3608, 0.1216, 0.1725
CMYK	0.27, 0.00, 0.06, 0.12
HSL	167°, 50%, 76%
HSV	167°, 27%, 88%
XYZ	53.5178, 65.8010, 71.5082
YIQ	204.2790, -32.1830, -16.9750

# Conversions

## Conversions Part 2

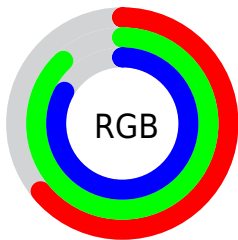
Format	Color
<b>RYB</b>	163, 197, 224
Decimal	10739923
CIELab	84.89, -22.01, 0.11
CIELCh	85, 22.012, 179.709
Yxy	65.8010, 0.2805, 0.3448
Android (android.graphics.Color)	4288930003 (0xFFA3E0D3)
YUV	204.2790, 3.3135, -36.2017
Hunter-Lab	81.1178, -24.1901, 4.5163

# Details

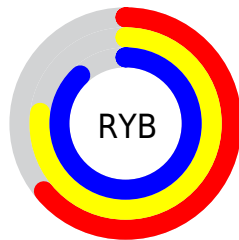
The Hex color **A3E0D3** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E0A3B0**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **DBFFFF**, and **6DA99D** is the 20% darker color. If you saturate the color by 10%, you get **8DE0CE**, and if you desaturate by 10%, it is **B9E0D8**.

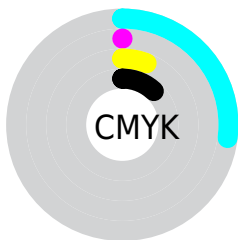
# Distribution



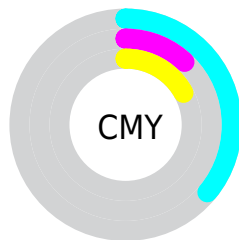
- Red (64%)
- Green (88%)
- Blue (83%)



- Red (64%)
- Yellow (77%)
- Blue (88%)



- Cyan (27%)
- Magenta (0%)
- Yellow (6%)
- Black (12%)



- Cyan (36%)
- Magenta (12%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A3E0D3 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 A3E0D3 by changing the saturation by 10% instead.



 A3E0D3

 A3E0D3

FFFFFF

 88C4B7

 DBFFFF

 6DA99D

 F8FFFF

 538E83

 3A7469

 1F5B51

 00443A

 002D25

 001A10

 000000

 A3E0D3

 A3E0D3

 8DE0CE

 B9E0D8

 76E0C9

 D0E0DD

 60E0C5

 E6E0E1

 49E0C0

 FDE0E6

 33E0BB

 FFE0EB

 1DE0B6

 FFE0F0

 06E0B2

 FFE0F4

 00E0B0

 FFE0F9

 FFE0FE

# Harmonies

## Analogous

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



B6DEBE



A3E0D3



9CDFE8

# Triad

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



A3E0D3



D8CFF8



F6CCB1

# Complementary

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



A3E0D3



E0A3B0

# 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.



FFC7C0



A3E0D3



EFC9E9

# Square

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



A3E0D3



BCD6FD



FDC5D5



E4D2AB

# Rectangle

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



A3E0D3



A0DDF3



FDC5D5



FACAB5

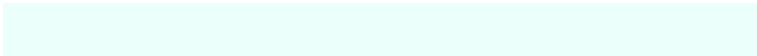


# Sweetspot

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



A3E0D3



EBFFFB



B0E0A3



73807D



000000



808080

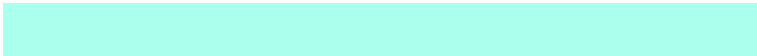


# Same Dimension

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



A3E0D3



ABFFED



A3CFE0



65706E



00B08A



003026



# Inverse Universe

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



E0A3B0



FFABBD



E0B4A3



706567



B00025

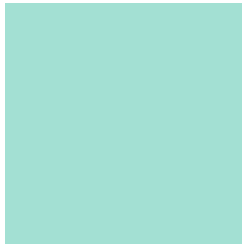


30000A



# Previews

## White Background



This preview shows how the Hex color A3E0D3 looks on a white background.

## Color Contrast Check

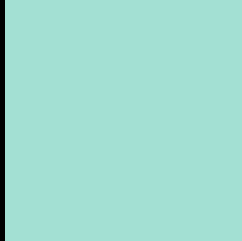
Large Text (above 18pt) WCAG AA × Fail

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 A3E0D3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

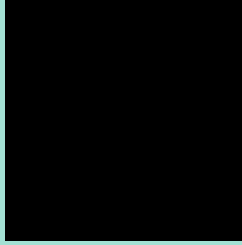
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

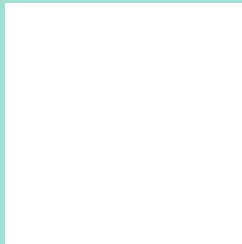
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A3E0D3 Background



This preview shows how black text looks on a background with the Hex color A3E0D3.

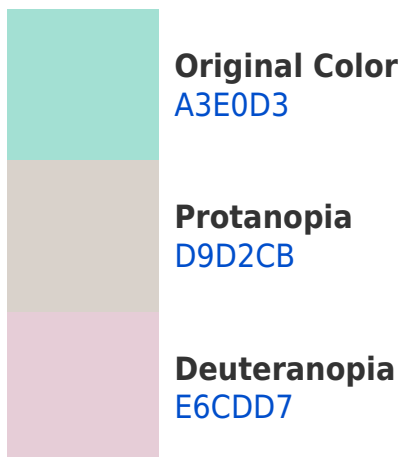


This preview shows how white text looks on a background with the Hex color A3E0D3.

# Color Blindness Simulation

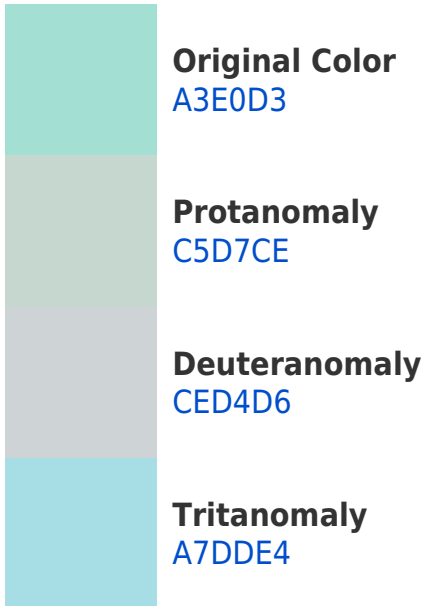
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

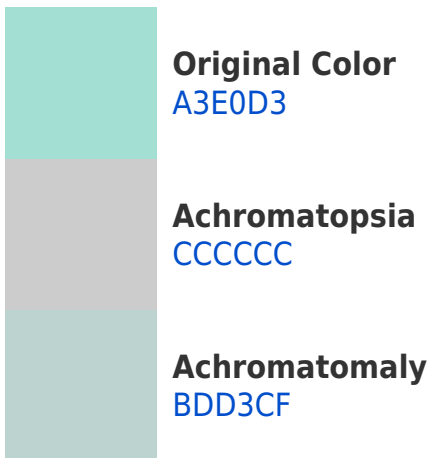




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A3E0D3 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 #A3E0D3 looks like.

```
.text, #text, p{  
    color:#A3E0D3  
}
```

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 #A3E0D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3E0D3  
}
```

## Border

The CSS property to change the border of an element to Hex A3E0D3 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  
#A3E0D3 }
```

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

```
.border{ border-color:#A3E0D3 }
```

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

Here you see how a box with a 4 pixel #A3E0D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3E0D3; -webkit-box-shadow:4px 4px  
4px 4px #A3E0D3; box-shadow:4px 4px 4px  
4px #A3E0D3 }
```

# Background

The CSS property to change the background color of an element to Hex A3E0D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3E0D3 }
```

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

```
.background{ background-color:#A3E0D3 }
```

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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