

# Converting Colors

Hex(A3E0E8)

Have a look what the booklet for  
Hex(A3E0E8) contains.

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# **Color**

**Hex(A3E0E8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A3E0E8
RGB	163, 224, 232
RGB Percent	64%, 88%, 91%
CMY	0.3608, 0.1216, 0.0902
CMYK	0.30, 0.03, 0.00, 0.09
HSL	187°, 60%, 77%
HSV	187°, 30%, 91%
XYZ	56.3254, 66.9240, 86.2929
YIQ	206.6730, -38.9240, -10.4440

# Conversions

## Conversions Part 2

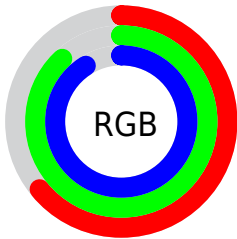
Format	Color
<a href="#">RYB</a>	<a href="#">163, 195, 232</a>
Decimal	<a href="#">10739944</a>
CIELab	<a href="#">85.47, -17.37, -10.14</a>
CIElCh	<a href="#">85, 20.119, 210.276</a>
Yxy	<a href="#">66.9240, 0.2688, 0.3194</a>
Android (android.graphics.Color)	<a href="#">4288930024 (0xFFA3E0E8)</a>
YUV	<a href="#">206.6730, 12.4862, -38.3012</a>
Hunter-Lab	<a href="#">81.8071, -20.2626, -5.2761</a>

# Details

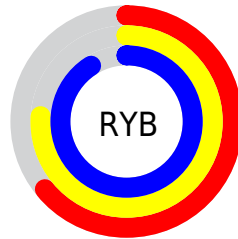
The Hex color **A3E0E8** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E8ABA3**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **DCFFFF**, and **6DA9B0** is the 20% darker color. If you saturate the color by 10%, you get **8CDDE8**, and if you desaturate by 10%, it is **BAE3E8**.

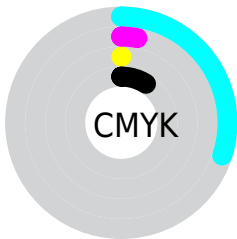
# Distribution



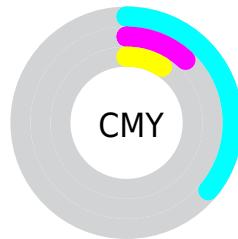
- Red (64%)
- Green (88%)
- Blue (91%)



- Red (64%)
- Yellow (76%)
- Blue (91%)



- Cyan (30%)
- Magenta (3%)
- Yellow (0%)
- Black (9%)



- Cyan (36%)
- Magenta (12%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A3E0E8 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 A3E0E8 by changing the saturation by 10% instead.



 A3E0E8

 A3E0E8

FFFFFF

 88C4CC

 DCFFFF

 6DA9B0

 F9FFFF

 528E96

 38747C

 1B5C63

 00444B

 002D35

 001A1F

 000006

 A3E0E8

 A3E0E8

 8CDDE8

 BAE3E8

 75DBE8

 D1E5E8

 5DD8E8

 E9E8E8

 46D5E8

 FFE8E8

 2FD3E8

 FFEDE8

 18D0E8

 FFF0E8

 01CDE8

 FFF3E8

 00CDE8

 FFF6E8

 FFF8E8

# Harmonies

## Analogous

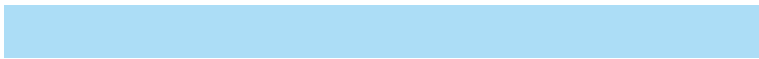
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A9E1D5



A3E0E8



ACDDF6

# Triad

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



A3E0E8



EFCBE9



E4D4B0

# Complementary

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



A3E0E8



E8ABA3

# 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.



F5CEB5



A3E0E8



FBC8D6

# Square

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



A3E0E8



D9D1F6



FDCAC3



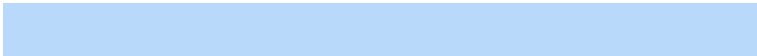
CFDAB5

# Rectangle

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



A3E0E8



B9D9FB



FDCAC3



EBD2B0

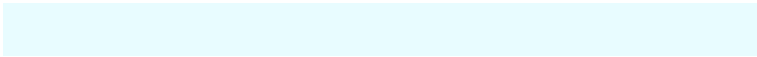


# Sweetspot

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



A3E0E8



E8FCFF



A3E8AA



717E80



000000



808080

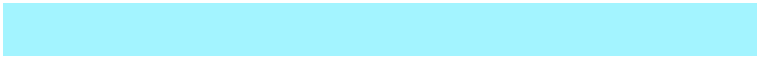


# Same Dimension

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



A3E0E8



A3F4FF



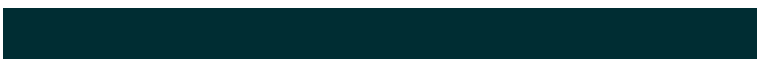
A3BFE8



677173



009EB3



002D33



# Inverse Universe

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



E8A3E0



FFA3F4



E8CCA3



736771



B3009E

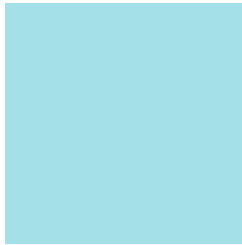


33002D



# Previews

## White Background



This preview shows how the Hex color A3E0E8 looks on a white background.

## Color Contrast Check

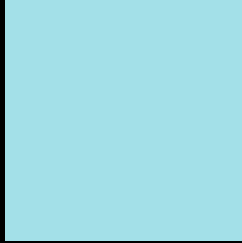
Large Text (above 18pt) WCAG AA × Fail

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 A3E0E8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

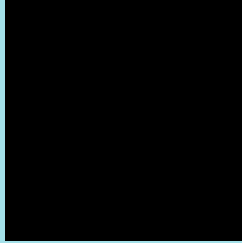
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A3E0E8 Background



This preview shows how black text looks on a background with the Hex color A3E0E8.

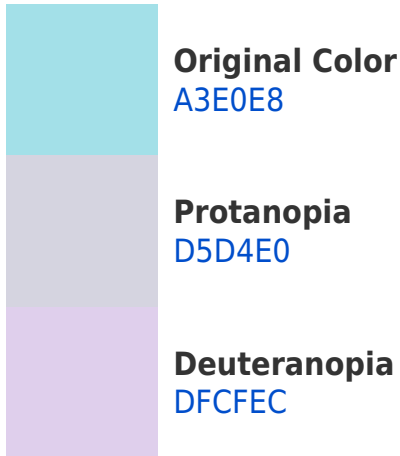


This preview shows how white text looks on a background with the Hex color A3E0E8.

# 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](#).

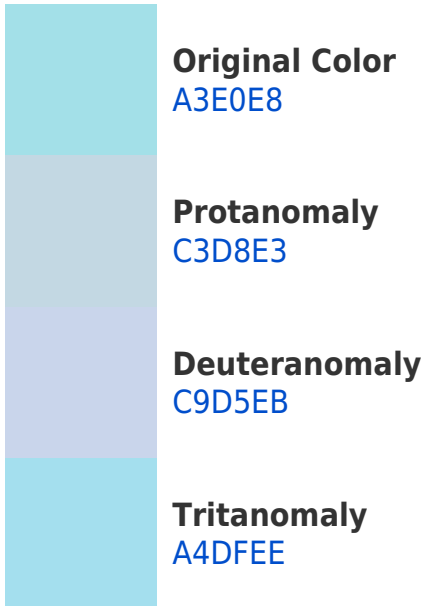
## Dichromacy



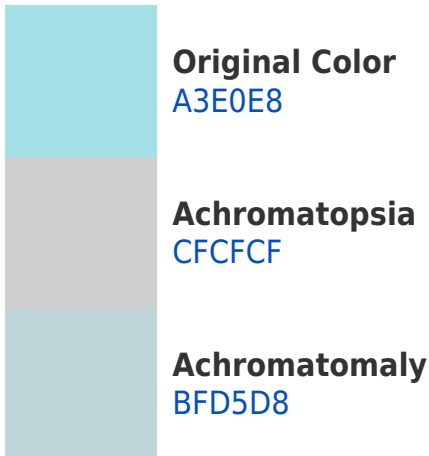


**Tritanopia**  
A5DFF1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A3E0E8 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 #A3E0E8 looks like.

```
.text, #text, p{  
    color:#A3E0E8  
}
```

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 #A3E0E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3E0E8  
}
```

## Border

The CSS property to change the border of an element to Hex A3E0E8 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  
#A3E0E8 }
```

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

```
.border{ border-color:#A3E0E8 }
```

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

Here you see how a box with a 4 pixel #A3E0E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3E0E8; -webkit-box-shadow:4px 4px  
4px 4px #A3E0E8; box-shadow:4px 4px 4px  
4px #A3E0E8 }
```

# Background

The CSS property to change the background color of an element to Hex A3E0E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3E0E8 }
```

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

```
.background{ background-color:#A3E0E8 }
```

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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