

# Converting Colors

Hex(A4E6E8)

Have a look what the booklet for  
Hex(A4E6E8) contains.

<b>Hex(A4E6E8)</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(A4E6E8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A4E6E8
RGB	164, 230, 232
RGB Percent	64%, 90%, 91%
CMY	0.3569, 0.0980, 0.0902
CMYK	0.29, 0.01, 0.00, 0.09
HSL	182°, 60%, 78%
HSV	182°, 29%, 91%
XYZ	58.1721, 70.3123, 86.8496
YIQ	210.4940, -39.9780, -13.3700

# Conversions

## Conversions Part 2

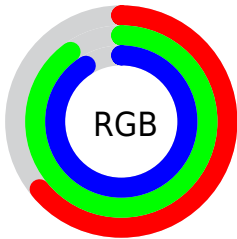
Format	Color
<a href="#">RYB</a>	<a href="#">164, 197, 232</a>
Decimal	<a href="#">10807016</a>
CIELab	<a href="#">87.15, -20.09, -7.64</a>
CIELCh	<a href="#">87, 21.496, 200.809</a>
Yxy	<a href="#">70.3123, 0.2701, 0.3265</a>
Android (android.graphics.Color)	<a href="#">4288997096 (0xFFA4E6E8)</a>
YUV	<a href="#">210.4940, 10.6025, -40.7752</a>
Hunter-Lab	<a href="#">83.8525, -22.9085, -2.7125</a>

# Details

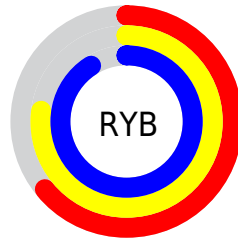
The Hex color **A4E6E8** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E8A6A4**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **DDFFFF**, and **6DAEB0** is the 20% darker color. If you saturate the color by 10%, you get **8DE5E8**, and if you desaturate by 10%, it is **BBE7E8**.

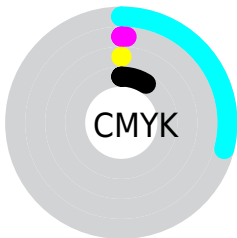
# Distribution



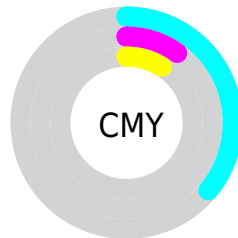
- Red (64%)
- Green (90%)
- Blue (91%)



- Red (64%)
- Yellow (77%)
- Blue (91%)



- Cyan (29%)
- Magenta (1%)
- Yellow (0%)
- Black (9%)



- Cyan (36%)
- Magenta (10%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A4E6E8 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 A4E6E8 by changing the saturation by 10% instead.



 A4E6E8

 A4E6E8

FFFFFF

 88CACC

 DDDFFF

 6DAEB0

 FAFFFF

 539496

 387A7C

 1B6163

 00494B

 003235

 001E1F

 000007

 A4E6E8

 A4E6E8

 8DE5E8

 BBE7E8

 76E5E8

 D2E7E8

 5EE4E8

 EAE8E8

 47E3E8

 FFE9E8

 30E3E8

 FFEAE8

 19E2E8

 FFEBE8

 02E1E8

 FFECE8

 00E1E8

# Harmonies

## Analogous

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



AFE6D3



A4E6E8



A8E3F9

# Triad

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



A4E6E8



EFD1F4



F0D7B2

# Complementary

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



A4E6E8



E8A6A4

# 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.



FFD0BB



A4E6E8



FFCDE1

# Square

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



A4E6E8



D6D7FF



FFCDDC



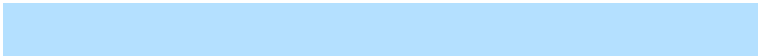
DBDDB4

# Rectangle

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



A4E6E8



B4E0FF



FFCDDC



F6D5B4



# Sweetspot

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



A4E6E8



E8FEFF



A4E8A5



717F80



000000



808080



# Same Dimension

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



A4E6E8



A6FCFF



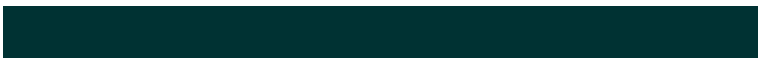
A4C5E8



677273



00ADB3



003233



# Inverse Universe

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



E8A4E6



FFA6FC



E8C7A4



736772



B300AD

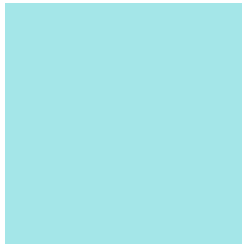


330032



# Previews

## White Background



This preview shows how the Hex color A4E6E8 looks on a white background.

## Color Contrast Check

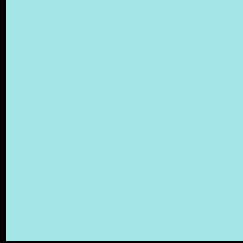
Large Text (above 18pt) WCAG AA × Fail

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 A4E6E8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

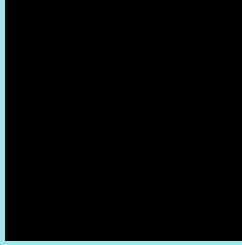
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A4E6E8 Background



This preview shows how black text looks on a background with the Hex color A4E6E8.

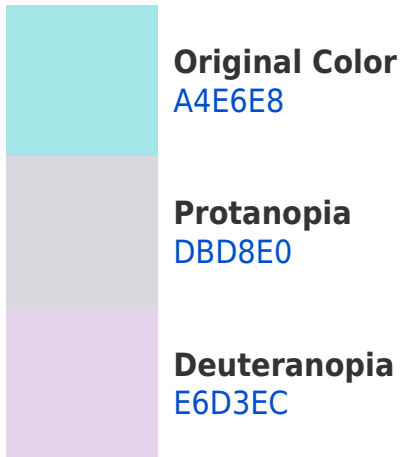


This preview shows how white text looks on a background with the Hex color A4E6E8.

# 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](#).

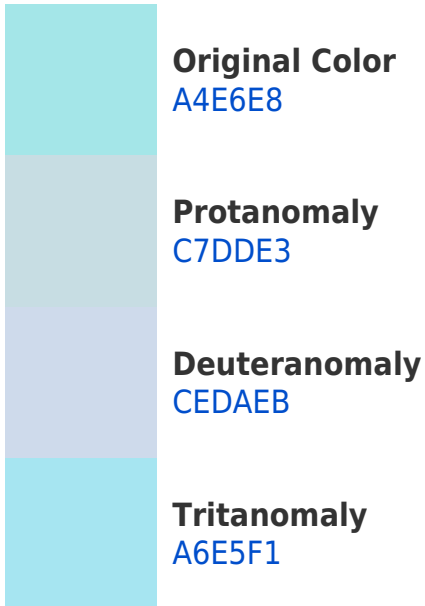
## Dichromacy



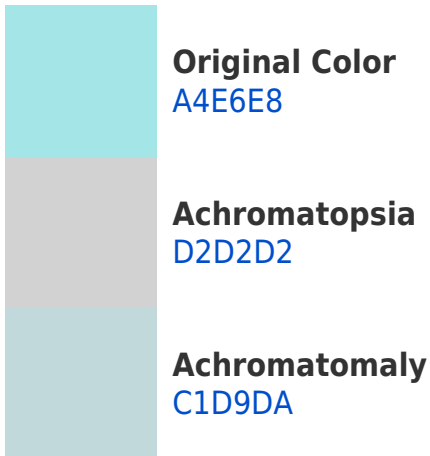


**Tritanopia**  
A7E4F6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A4E6E8 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 #A4E6E8 looks like.

```
.text, #text, p{  
    color:#A4E6E8  
}
```

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 #A4E6E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A4E6E8
}
```

## Border

The CSS property to change the border of an element to Hex A4E6E8 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
#A4E6E8 }
```

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

```
.border{ border-color:#A4E6E8 }
```

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

Here you see how a box with a 4 pixel #A4E6E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A4E6E8; -webkit-box-shadow:4px 4px  
4px 4px #A4E6E8; box-shadow:4px 4px 4px  
4px #A4E6E8 }
```

# Background

The CSS property to change the background color of an element to Hex A4E6E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A4E6E8 }
```

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

```
.background{ background-color:#A4E6E8 }
```

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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