

# Converting Colors

Hex(A2E0EE)

Have a look what the booklet for  
Hex(A2E000) contains.

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# Color

**Hex(A2E0EE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A2EEEE
RGB	162, 238, 238
RGB Percent	64%, 93%, 93%
CMY	0.3647, 0.0667, 0.0667
CMYK	0.32, 0.00, 0.00, 0.07
HSL	180°, 69%, 78%
HSV	180°, 32%, 93%
XYZ	60.9074, 75.0035, 92.1559
YIQ	215.2760, -45.2960, -16.1120

# Conversions

## Conversions Part 2

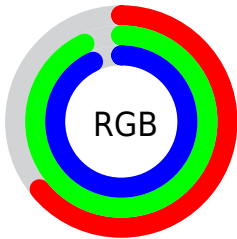
Format	Color
<b>RYB</b>	162, 200, 238
Decimal	10677998
CIELab	89.39, -23.22, -7.47
CIElCh	89, 24.390, 197.833
Yxy	75.0035, 0.2671, 0.3289
Android (android.graphics.Color)	4288868078 (0xFFA2EEEE)
YUV	215.2760, 11.2029, -46.7231
Hunter-Lab	86.6046, -26.0221, -2.4673

# Details

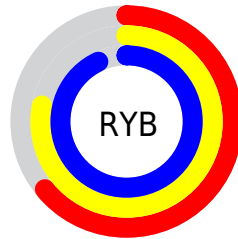
The Hex color **A2EEEE** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **EEA2A2**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **DBFFFF**, and **6BB6B6** is the 20% darker color. If you saturate the color by 10%, you get **8AEEEE**, and if you desaturate by 10%, it is **BAEEEE**.

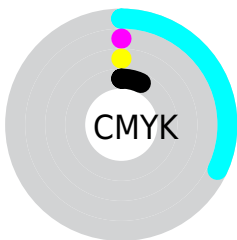
# Distribution



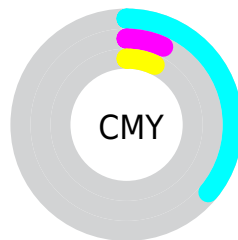
- Red (64%)
- Green (93%)
- Blue (93%)



- Red (64%)
- Yellow (78%)
- Blue (93%)



- Cyan (32%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)



- Cyan (36%)
- Magenta (7%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A2E5EE 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 A2E5EE by changing the saturation by 10% instead.



 A2EEEE

 A2EEEE

FFFFFF

 86D2D2

 DBFFFF

 6BB6B6

 F8FFFF

 4F9B9B

 338181

 106768

 004F50

 003839

 002224

 00010F

 A2EEEE

 A2EEEE

 8AEEEE

 BAEEEE

 72EEEE

 D2EEEE

 5BEEEE

 E9EEEE

 43EEEE

 FFEEEE

 2BEEEE

 13EEEE

 00EEEE

# Harmonies

## Analogous

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



B1EDD6



A2EEEE



A5EBFF

# Triad

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



A2EEEE



F5D6FF



FCDCB4

# Complementary

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



A2EEEE



EEA2A2

# 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.



FFD5BF



A2EEEE



FFD1EB

# Square

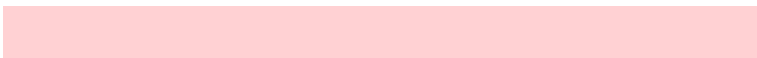
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



A2EEEE



D8DEFF



FFD1D3



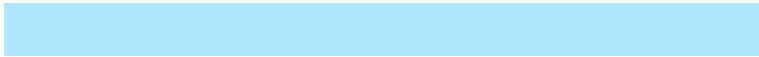
E4E4B4

# Rectangle

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



A2EEEE



B1E8FF



FFD1D3



FFD9B6



# Sweetspot

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



A2EEEE



E6FFFF



A2EEA2



708080



000000



808080



# Same Dimension

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



A2EEEE



9EFFFF



A2C8EE



6C7878



00B8B8



003838



# Inverse Universe

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



EEA2EE



FF9EFF



EEC8A2



786C78



B800B8

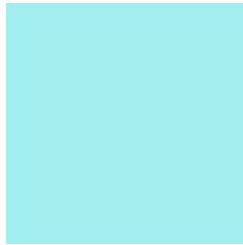


380038



# Previews

## White Background



This preview shows how the Hex color A2EEEE looks on a white background.

## Color Contrast Check

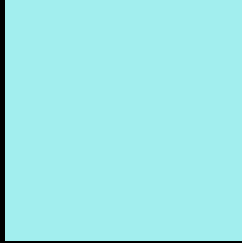
Large Text (above 18pt) WCAG AA × Fail

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 A2EEEE 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 A2EEEE Background



This preview shows how black text looks on a background with the Hex color A2EEEE.

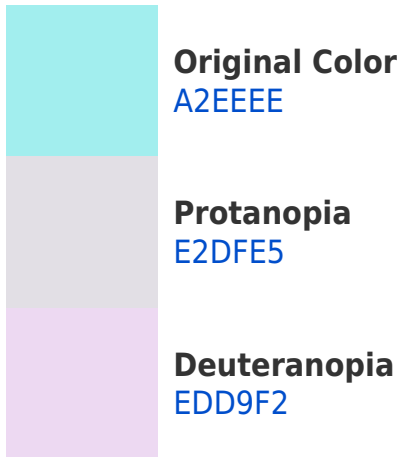


This preview shows how white text looks on a background with the Hex color A2EEEE.

# 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



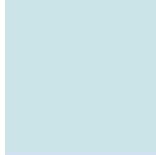


**Tritanopia**  
A6EBFE

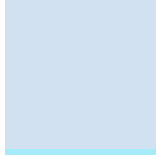
# Trichromacy



**Original Color**  
A2E8EE



**Protanomaly**  
CBE4E8



**Deuteranomaly**  
D2E1F1

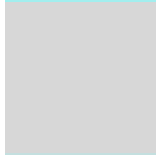


**Tritanomaly**  
A5ECF8

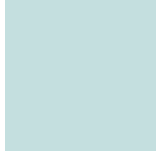
# Monochromacy



**Original Color**  
A2E8EE



**Achromatopsia**  
D7D7D7



**Achromatomaly**  
C4DFDF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A2EEEE 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 #A2EEEE looks like.

```
.text, #text, p{  
    color:#A2EEEE  
}
```

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 #A2EEEE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2EEEE }  
}
```

## Border

The CSS property to change the border of an element to Hex A2EEEE 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 #A2EEEE }  
}
```

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

```
.border{ border-color:#A2EEEE }
```

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

Here you see how a box with a 4 pixel #A2EEEE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2EEEE; -webkit-box-shadow:4px 4px  
4px 4px #A2EEEE; box-shadow:4px 4px 4px  
4px #A2EEEE }
```

# Background

The CSS property to change the background color of an element to Hex A2EEEE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2EEEE }
```

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

```
.background{ background-color:#A2EEEE }
```

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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