

Converting Colors

Hex(A6E8EF)

Have a look what the booklet for
Hex(A6E8EF) contains.

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Color

Hex(A6E8EF)

Conversions

Conversions Part 1

Format	Color
Hex	A6E8EF
RGB	166, 232, 239
RGB Percent	65%, 91%, 94%
CMY	0.3490, 0.0902, 0.0627
CMYK	0.31, 0.03, 0.00, 0.06
HSL	186°, 70%, 79%
HSV	186°, 31%, 94%
XYZ	60.1625, 72.0522, 92.3979
YIQ	213.0640, -41.5830, -11.8150

Conversions

Conversions Part 2

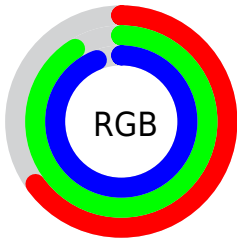
Format	Color
RYB	166, 201, 239
Decimal	10938607
CIELab	87.99, -18.94, -10.05
CIELCh	88, 21.445, 207.946
Yxy	72.0522, 0.2678, 0.3208
Android (android.graphics.Color)	4289128687 (0xFFA6E8EF)
YUV	213.0640, 12.7864, -41.2751
Hunter-Lab	84.8836, -22.0317, -5.1202

Details

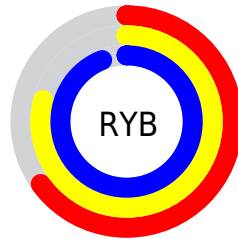
The Hex color **A6E8EF** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **EFADA6**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **DFFFFFF**, and **6FB0B7** is the 20% darker color. If you saturate the color by 10%, you get **8EE6EF**, and if you desaturate by 10%, it is **BEEAEF**.

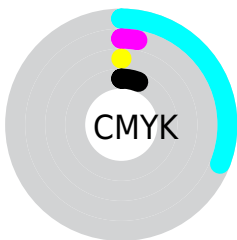
Distribution



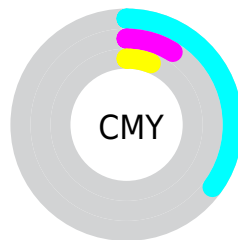
- Red (65%)
- Green (91%)
- Blue (94%)



- Red (65%)
- Yellow (79%)
- Blue (94%)



- Cyan (31%)
- Magenta (3%)
- Yellow (0%)
- Black (6%)



- Cyan (35%)
- Magenta (9%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6E8EF 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 A6E8EF by changing the saturation by 10% instead.

 A6E8EF

 A6E8EF

FFFFFF

 8ACCD3

 DFFFFFF

 6FB0B7

 FCFFFF

 54959C


 397C82

 1C6269

 004A51

 00343A

 001F24

 00010F

 A6E8EF

 A6E8EF

 8EE6EF

 BEEAEF

 76E3EF

 D6EDEF

 5EE1EF

 EEEFEF

 46DFEF

 FFF1EF

 2FDDEF

 FFF3EF

 17DAEF

 FFF6EF

 00D8EF

 FFF8EF

 FFFAEF

 FFFDEF

Harmonies

Analogous

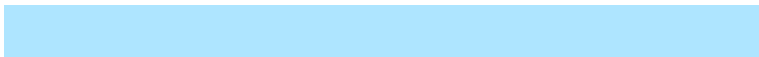
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



AEE8DA



A6E8EF



AEE5FF

Triad

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



A6E8EF



F6D2F3



EEDBB4

Complementary

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



A6E8EF



EFADA6

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.



FFD4BB



A6E8EF



FFCFDF

Square

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



A6E8EF



DFD8FF



FFD0CA



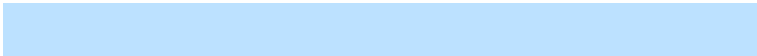
D8E1B8

Rectangle

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



A6E8EF



BCE1FF



FFD0CA



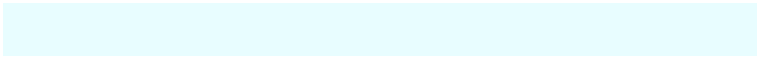
F5D9B5

Sweetspot

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



A6E8EF



E8FDFF



A6EFAC



717E80



000000



808080

Same Dimension

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



A6E8EF



A1F6FF



A6C4EF



6C7778



00A6B8



003338

Inverse Universe

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



EFA6E8



FFA1F6



EFD1A6



786C77



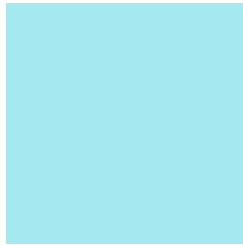
B800A6



380033

Previews

White Background



This preview shows how the Hex color A6E8EF looks on a white background.

Color Contrast Check

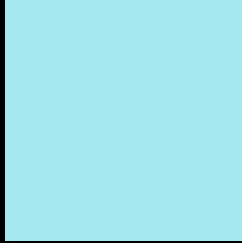
Large Text (above 18pt) WCAG AA × Fail

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 A6E8EF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

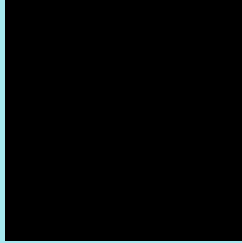
Any Text WCAG AA ✓ Pass

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 A6E8EF Background



This preview shows how black text looks on a background with the Hex color A6E8EF.

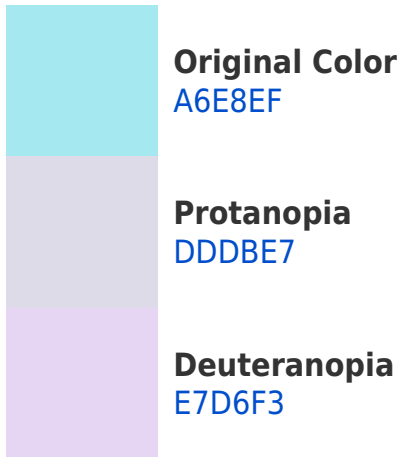


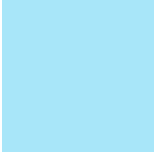
This preview shows how white text looks on a background with the Hex color A6E8EF.

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



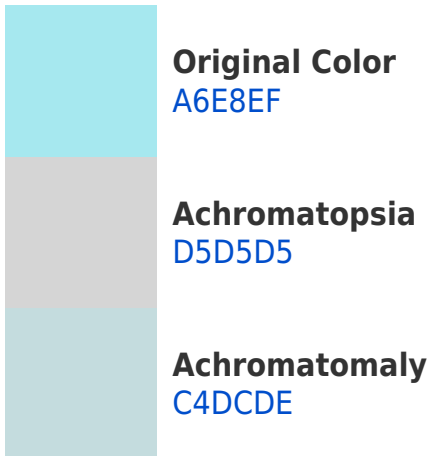


Tritanopia
A8E6F9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A6E8EF 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 #A6E8EF looks like.

```
.text, #text, p{  
    color:#A6E8EF  
}
```

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 #A6E8EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6E8EF
}
```

Border

The CSS property to change the border of an element to Hex A6E8EF 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
#A6E8EF }
```

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

```
.border{ border-color:#A6E8EF }
```

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

Here you see how a box with a 4 pixel #A6E8EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6E8EF; -webkit-box-shadow:4px 4px  
4px 4px #A6E8EF; box-shadow:4px 4px 4px  
4px #A6E8EF }
```

Background

The CSS property to change the background color of an element to Hex A6E8EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6E8EF }
```

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

```
.background{ background-color:#A6E8EF }
```

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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