

Converting Colors

Hex(6AEADB)

Have a look what the booklet for
Hex(6AEADB) contains.

Hex(6AEADB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6AEADB)

Conversions

Conversions Part 1

Format	Color
Hex	6AEADB
RGB	106, 234, 219
RGB Percent	42%, 92%, 86%
CMY	0.5843, 0.0824, 0.1412
CMYK	0.55, 0.00, 0.06, 0.08
HSL	173°, 75%, 67%
HSV	173°, 55%, 92%
XYZ	48.1529, 67.0243, 77.4169
YIQ	194.0180, -71.4730, -31.8010

Conversions

Conversions Part 2

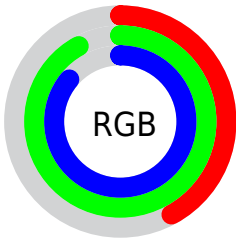
Format	Color
RYB	106, 174, 234
Decimal	7006939
CIELab	85.52, -38.98, -3.48
CIElCh	86, 39.130, 185.101
Yxy	67.0243, 0.2500, 0.3480
Android (android.graphics.Color)	4285197019 (0xFF6AEADB)
YUV	194.0180, 12.3161, -77.1918
Hunter-Lab	81.8684, -38.2805, 1.2417

Details

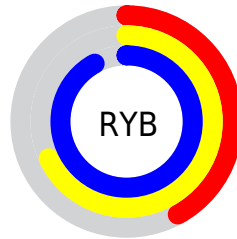
The Hex color **6AEADB** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **EA6A79**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **A7FFFF**, and **21B2A4** is the 20% darker color. If you saturate the color by 10%, you get **53EAD8**, and if you desaturate by 10%, it is **81EADE**.

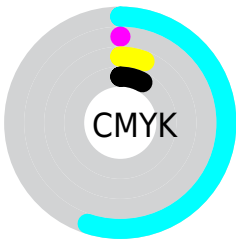
Distribution



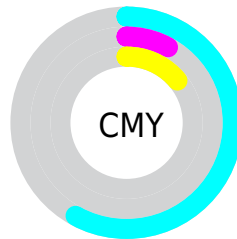
- Red (42%)
- Green (92%)
- Blue (86%)



- Red (42%)
- Yellow (68%)
- Blue (92%)



- Cyan (55%)
- Magenta (0%)
- Yellow (6%)
- Black (8%)



- Cyan (58%)
- Magenta (8%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AEADB 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 6AEADB by changing the saturation by 10% instead.

 6AEADB

 6AEADB

FFFFFF

 49CDBF

 A7FFFF

 21B2A4

 C5FFFF

 00968A

 E3FFFF

 007C70

 006358

 004A41

 00322B

 001C17

 000000

■ 6AEADB

■ 6AEADB

■ 53EAD8

■ 81EADE

■ 3BEAD6

■ 99EAE0

■ 24EAD3

■ B0EAE3

■ 0CEAD0

■ C8EAE6

■ 00EACF

■ DFEAE9

■ F6EAEB

■ FFEAEE

■ FFEAF1

■ FFEAF4

Harmonies

Analogous

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



95E7B5



6AEADB



55E8FF

Triad

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



6AEADB



E3CAFF



FFC993

Complementary

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



6AEADB



EA6A79

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.



FFBEAD



6AEADB



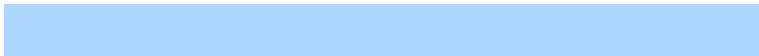
FFBEF6

Square

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



6AEADB



ADD7FF



FFBAD1



E9D58B

Rectangle

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



6AEADB



65E5FF



FFBAD1



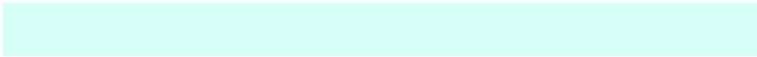
FFC59A

Sweetspot

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



6AEADB



D6FFFA



7BEA6A



67807D



000000



808080

Same Dimension

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



6AEADB



57FFEB



6ABBEA



6A7574



00B5A0



00362F

Inverse Universe

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



EA6A79



FF576A



EA996A



756A6B



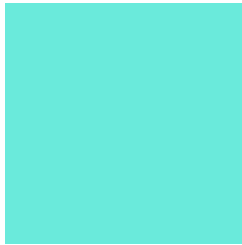
B50015



360006

Previews

White Background



This preview shows how the Hex color 6AEADB looks on a white background.

Color Contrast Check

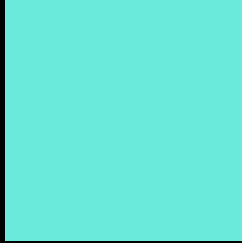
Large Text (above 18pt) WCAG AA × Fail

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 6AEADB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

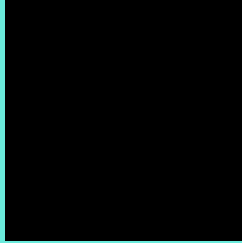
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

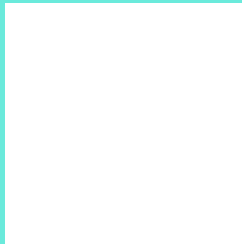
Any Text WCAG AAA ✓ Pass

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

Hex 6AEADB Background



This preview shows how black text looks on a background with the Hex color 6AEADB.

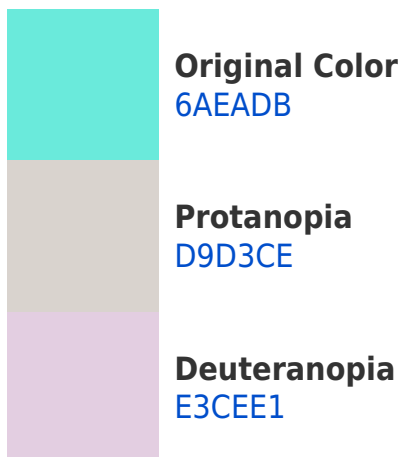


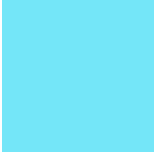
This preview shows how white text looks on a background with the Hex color 6AEADB.

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
74E6F8

Trichromacy



Original Color
6AEADB



Protanomaly
B1DBD3



Deuteranomaly
B7D8DF

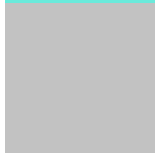


Tritanomaly
70E7ED

Monochromacy



Original Color
6AEADB



Achromatopsia
C2C2C2



Achromatomaly
A2D1CB

CSS Examples

Text

The CSS property to change the color of the text to Hex 6AEADB 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 #6AEADB looks like.

```
.text, #text, p{  
    color:#6AEADB  
}
```

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 #6AEADB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AEADB  
}
```

Border

The CSS property to change the border of an element to Hex 6AEADB 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  
#6AEADB }
```

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

```
.border{ border-color:#6AEADB }
```

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

Here you see how a box with a 4 pixel #6AEADB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AEADB; -webkit-box-shadow:4px 4px  
4px 4px #6AEADB; box-shadow:4px 4px 4px  
4px #6AEADB }
```

Background

The CSS property to change the background color of an element to Hex 6AEADB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AEADB }
```

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

```
.background{ background-color:#6AEADB }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor