

Converting Colors

Hex(6AE1BB)

Have a look what the booklet for
Hex(6AE1BB) contains.

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Color

Hex(6AE1BB)

Conversions

Conversions Part 1

Format	Color
Hex	6AE1BB
RGB	106, 225, 187
RGB Percent	42%, 88%, 73%
CMY	0.5843, 0.1176, 0.2667
CMYK	0.53, 0.00, 0.17, 0.12
HSL	161°, 66%, 65%
HSV	161°, 53%, 88%
XYZ	41.8387, 60.5025, 56.4867
YIQ	185.0870, -58.7260, -37.0460

Conversions

Conversions Part 2

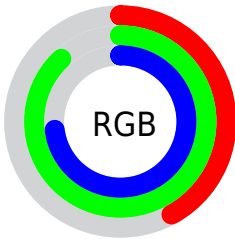
Format	Color
RYB	106, 177, 225
Decimal	7004603
CIELab	82.11, -42.54, 8.45
CIELCh	82, 43.372, 168.762
Yxy	60.5025, 0.2634, 0.3809
Android (android.graphics.Color)	4285194683 (0xFF6AE1BB)
YUV	185.0870, 0.9431, -69.3593
Hunter-Lab	77.7833, -40.1078, 11.3916

Details

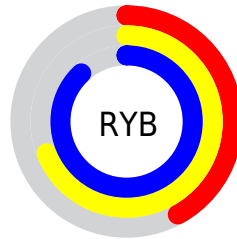
The Hex color **6AE1BB** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E16A90**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **A5FFF3**, and **28A986** is the 20% darker color. If you saturate the color by 10%, you get **54E1B4**, and if you desaturate by 10%, it is **81E1C2**.

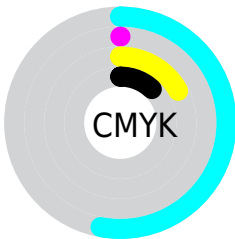
Distribution



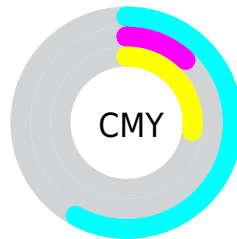
- Red (42%)
- Green (88%)
- Blue (73%)



- Red (42%)
- Yellow (69%)
- Blue (88%)



- Cyan (53%)
- Magenta (0%)
- Yellow (17%)
- Black (12%)



- Cyan (58%)
- Magenta (12%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AE1BB 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 6AE1BB by changing the saturation by 10% instead.

 6AE1BB

 6AE1BB

FFFFFF

 4BC5A0

 A5FFF3

 28A986

 C2FFFF

 008E6D

 E0FFFF

 007454

FEFFFF

 005A3D

 004227

 002C13

 000E00

 000000

 6AE1BB

 6AE1BB

 54E1B4

 81E1C2

 3DE1AD

 97E1C9

 27E1A5

 ADE1D1

 10E19E

 C4E1D8

 00E199

 DBE1DF

 F1E1E6

 FFE1ED

 FFE1F4

 FFE1FC

Harmonies

Analogous

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



9FDC95



6AE1BB



2CE2E5

Triad

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



6AE1BB



BAC7FF



FFB791

Complementary

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



6AE1BB



E16A90

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.



FFADB4



6AE1BB



F0B9FF

Square

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



6AE1BB



76D5FF



FFAEDD



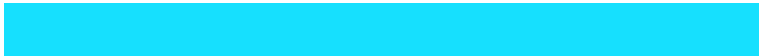
F5C47C

Rectangle

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



6AE1BB



16E0FE



FFAEDD



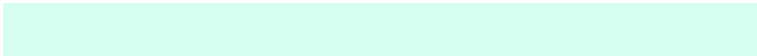
FFB39B

Sweetspot

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



6AE1BB



D6FFF2



92E16A



678078



000000



808080

Same Dimension

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



6AE1BB



5EFFCC



6ACDE1



65706D



00B078



003021

Inverse Universe

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



E16A90



FF5E92



E17E6A



706569



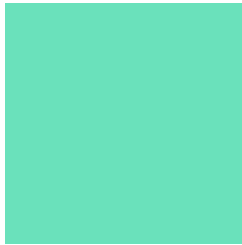
B00038



30000F

Previews

White Background



This preview shows how the Hex color 6AE1BB looks on a white background.

Color Contrast Check

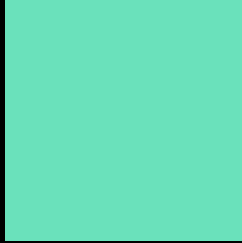
Large Text (above 18pt) WCAG AA × Fail

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 6AE1BB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

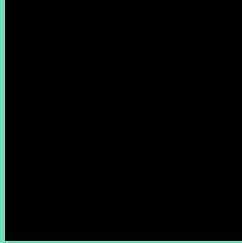
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

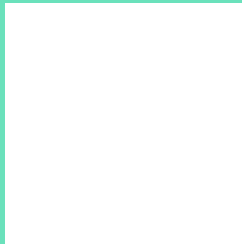
Any Text WCAG AAA ✓ Pass

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

Hex 6AE1BB Background



This preview shows how black text looks on a background with the Hex color 6AE1BB.

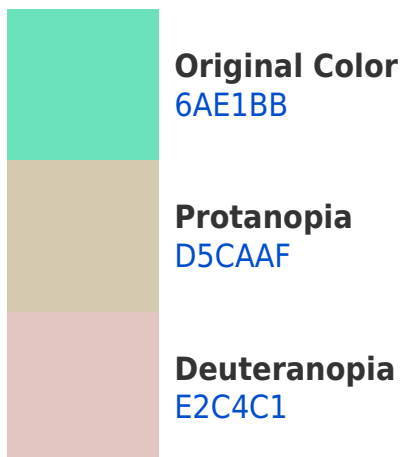


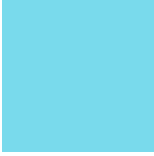
This preview shows how white text looks on a background with the Hex color 6AE1BB.

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
79DAEC

Trichromacy



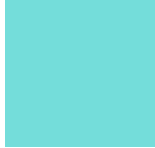
Original Color
6AE1BB



Protanomaly
AED2B3



Deuteranomaly
B6CFBF



Tritanomaly
74DDDA

Monochromacy



Original Color
6AE1BB



Achromatopsia
B9B9B9



Achromatomaly
9CC8BA

CSS Examples

Text

The CSS property to change the color of the text to Hex 6AE1BB 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 #6AE1BB looks like.

```
.text, #text, p{  
    color:#6AE1BB  
}
```

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 #6AE1BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AE1BB
}
```

Border

The CSS property to change the border of an element to Hex 6AE1BB 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
#6AE1BB }
```

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

```
.border{ border-color:#6AE1BB }
```

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

Here you see how a box with a 4 pixel #6AE1BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AE1BB; -webkit-box-shadow:4px 4px  
4px 4px #6AE1BB; box-shadow:4px 4px 4px  
4px #6AE1BB }
```

Background

The CSS property to change the background color of an element to Hex 6AE1BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AE1BB }
```

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

```
.background{ background-color:#6AE1BB }
```

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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