

Converting Colors

Hex(6BE1AC)

Have a look what the booklet for
Hex(6BE1AC) contains.

Hex(6BE1AC)	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(6BE1AC)

Conversions

Conversions Part 1

Format	Color
Hex	6BE1AC
RGB	107, 225, 172
RGB Percent	42%, 88%, 67%
CMY	0.5804, 0.1176, 0.3255
CMYK	0.52, 0.00, 0.24, 0.12
HSL	153°, 66%, 65%
HSV	153°, 52%, 88%
XYZ	40.4350, 59.9548, 48.4710
YIQ	183.6760, -53.3150, -41.4990

Conversions

Conversions Part 2

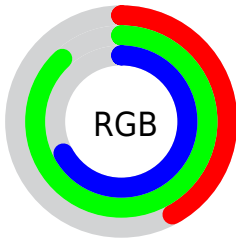
Format	Color
RYB	107, 183, 225
Decimal	7070124
CIELab	81.81, -45.56, 15.93
CIELCh	82, 48.268, 160.725
Yxy	59.9548, 0.2716, 0.4028
Android (android.graphics.Color)	4285260204 (0xFF6BE1AC)
YUV	183.6760, -5.7563, -67.2449
Hunter-Lab	77.4305, -42.2887, 17.0862

Details

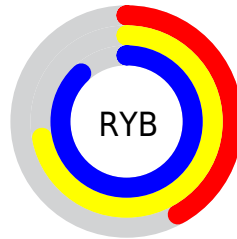
The Hex color **6BE1AC** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E16BA0**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **A5FFE3**, and **2BA978** is the 20% darker color. If you saturate the color by 10%, you get **55E1A2**, and if you desaturate by 10%, it is **82E1B6**.

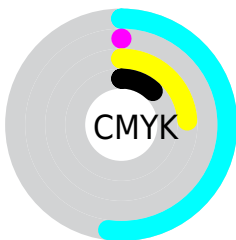
Distribution



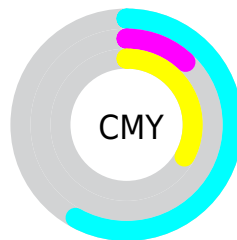
- Red (42%)
- Green (88%)
- Blue (67%)



- Red (42%)
- Yellow (72%)
- Blue (88%)



- Cyan (52%)
- Magenta (0%)
- Yellow (24%)
- Black (12%)



- Cyan (58%)
- Magenta (12%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BE1AC 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 6BE1AC by changing the saturation by 10% instead.

 6BE1AC

 6BE1AC


FFFFFF

 4DC591

 A5FFE3

 2BA978

 C3FFFF

 008E5F

 E0FFFF

 007447

FEFFFF

 005A30

 00421B

 002C02

 000C00

 000000

 6BE1AC

 6BE1AC

 55E1A2


 82E1B6

 3EE198

 98E1C0

 28E18E

 AFE1CA

 11E184

 C5E1D4

 00E17C

 DCE1DF

 F2E1E9

 FFE1F3

 FFE1FD

 FFE1FF

Harmonies

Analogous

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



A7DA85



6BE1AC



00E3DB

Triad

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



6BE1AC



A2CAFF



FFAF92

Complementary

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



6BE1AC



E16BA0

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.



FFA7BD



6BE1AC



E5BAFF

Square

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



6BE1AC



43D8FF



FFABEA



FFBF76

Rectangle

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



6BE1AC



00E2F8



FFABEA



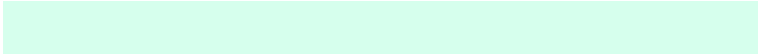
FFABA0

Sweetspot

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



6BE1AC



D6FFED



A0E16B



678075



000000



808080

Same Dimension

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



6BE1AC



5EFFB7



6BDBE1



65706B



00B061



00301B

Inverse Universe

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



E16BA0



FF5EA7



E1716B



70656A



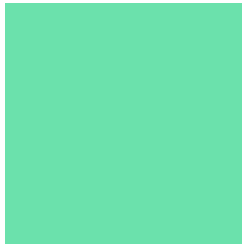
B0004F



300016

Previews

White Background



This preview shows how the Hex color 6BE1AC looks on a white background.

Color Contrast Check

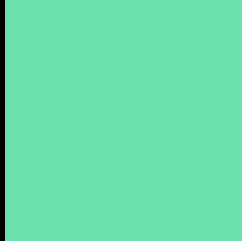
Large Text (above 18pt) WCAG AA × Fail

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 6BE1AC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

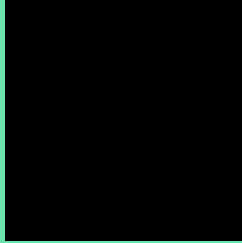
Any Text WCAG AA ✓ Pass

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 6BE1AC Background



This preview shows how black text looks on a background with the Hex color 6BE1AC.

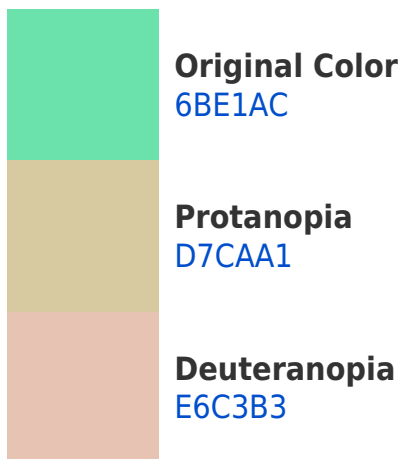


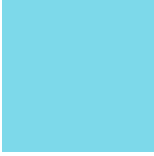
This preview shows how white text looks on a background with the Hex color 6BE1AC.

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
7DD9EA

Trichromacy



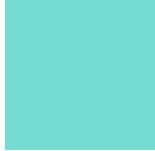
Original Color
6BE1AC



Protanomaly
B0D2A5



Deuteranomaly
B9CEB0

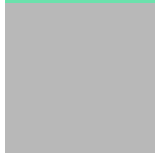


Tritanomaly
76DCD3

Monochromacy



Original Color
6BE1AC



Achromatopsia
B8B8B8



Achromatomaly
9CC7B4

CSS Examples

Text

The CSS property to change the color of the text to Hex 6BE1AC 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 #6BE1AC looks like.

```
.text, #text, p{  
    color:#6BE1AC  
}
```

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 #6BE1AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BE1AC
}
```

Border

The CSS property to change the border of an element to Hex 6BE1AC 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
#6BE1AC }
```

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

```
.border{ border-color:#6BE1AC }
```

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

Here you see how a box with a 4 pixel #6BE1AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BE1AC; -webkit-box-shadow:4px 4px  
4px 4px #6BE1AC; box-shadow:4px 4px 4px  
4px #6BE1AC }
```

Background

The CSS property to change the background color of an element to Hex 6BE1AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BE1AC }
```

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

```
.background{ background-color:#6BE1AC }
```

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