

# Converting Colors

Hex(6BC5AE)

Have a look what the booklet for  
Hex(6BC5AE) contains.

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# Color

**Hex(6BC5AE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6BC5AE
RGB	107, 197, 174
RGB Percent	42%, 77%, 68%
CMY	0.5804, 0.2275, 0.3176
CMYK	0.46, 0.00, 0.12, 0.23
HSL	165°, 44%, 60%
HSV	165°, 46%, 77%
XYZ	33.6696, 46.1143, 47.1708
YIQ	167.4680, -46.2570, -26.2330

# Conversions

## Conversions Part 2

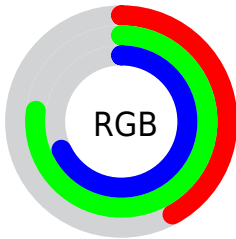
<b>Format</b>	<b>Color</b>
<b>RYB</b>	107, 159, 197
Decimal	7062958
CIELab	73.62, -32.51, 3.18
CIElCh	74, 32.664, 174.407
Yxy	46.1143, 0.2652, 0.3632
Android (android.graphics.Color)	4285253038 (0xFF6BC5AE)
YUV	167.4680, 3.2203, -53.0304
Hunter-Lab	67.9075, -30.3350, 6.3505

# Details

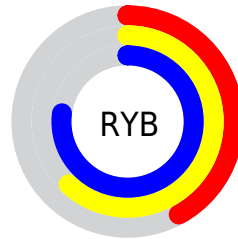
The Hex color **6BC5AE** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C56B82**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **A3FEE5**, and **328F7A** is the 20% darker color. If you saturate the color by 10%, you get **57C5A9**, and if you desaturate by 10%, it is **7FC5B3**.

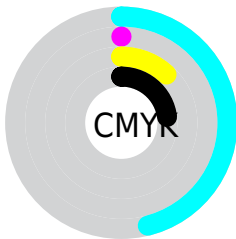
# Distribution



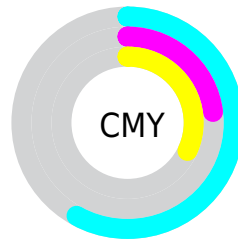
- Red (42%)
- Green (77%)
- Blue (68%)



- Red (42%)
- Yellow (62%)
- Blue (77%)



- Cyan (46%)
- Magenta (0%)
- Yellow (12%)
- Black (23%)



- Cyan (58%)
- Magenta (23%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6BC5AE 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 6BC5AE by changing the saturation by 10% instead.



 6BC5AE

 6BC5AE

FFFFFF

 4FA993

 A3FEE5

 328F7A

 C0FFFF

 0A7561

 DDFFFF

 005C49

 FAFFFF

 004333

 002C1E

 001505

 000000

 6BC5AE

 6BC5AE

■ 57C5A9

■ 7FC5B3

■ 44C5A4

■ 92C5B8

■ 30C59F

■ A6C5BD

■ 1CC59A

■ BAC5C2

■ 08C595

■ CEC5C7

■ 00C593

■ E1C5CC

■ F5C5D1

■ FFC5D6

■ FFC5DB

# Harmonies

## Analogous

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



8EC191



6BC5AE



53C5CD

# Triad

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



6BC5AE



B1AFEB



E6A785

# Complementary

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



6BC5AE



C56B82

# 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.



F0A09E



6BC5AE



D6A5D8

# Square

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



6BC5AE



85B9F0



EC9FBC



CFB179

# Rectangle

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



6BC5AE



55C3DE



EC9FBC



EBA48C

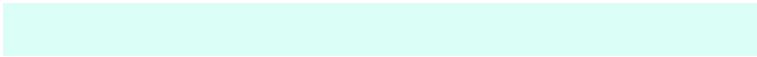


# Sweetspot

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



6BC5AE



DBFFF6



83C56B



6A807A



000000



808080



# Same Dimension

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



6BC5AE



73FFDB



6BB0C5



5A6361



00A379



00241B



# Inverse Universe

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



C56B82



FF7397



C5806B



635A5C



A3002A

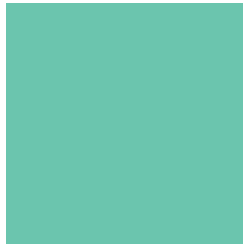


240009



# Previews

## White Background



This preview shows how the Hex color 6BC5AE 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 6BC5AE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

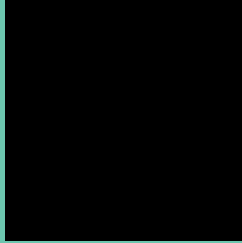
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

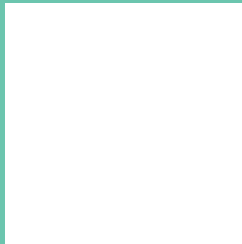
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6BC5AE Background



This preview shows how black text looks on a background with the Hex color 6BC5AE.



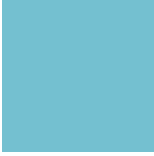
This preview shows how white text looks on a background with the Hex color 6BC5AE.

# 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](#).

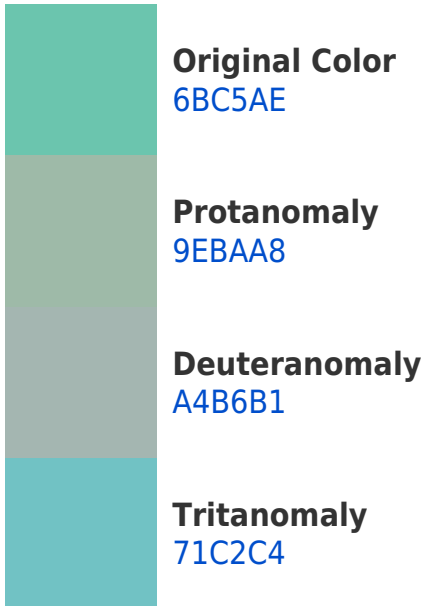
## Dichromacy



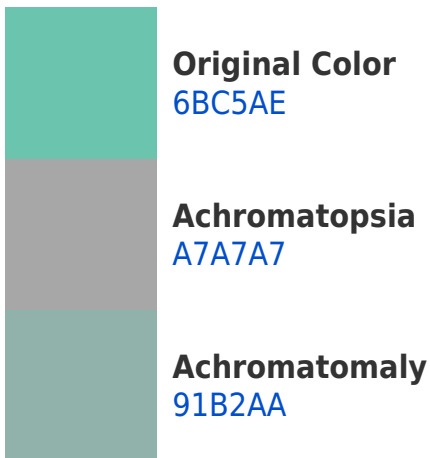


**Tritanopia**  
74C0D0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6BC5AE 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 #6BC5AE looks like.

```
.text, #text, p{  
    color:#6BC5AE  
}
```

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 #6BC5AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BC5AE
}
```

## Border

The CSS property to change the border of an element to Hex 6BC5AE 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
#6BC5AE }
```

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

```
.border{ border-color:#6BC5AE }
```

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

Here you see how a box with a 4 pixel #6BC5AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BC5AE; -webkit-box-shadow:4px 4px  
4px 4px #6BC5AE; box-shadow:4px 4px 4px  
4px #6BC5AE }
```

# Background

The CSS property to change the background color of an element to Hex 6BC5AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BC5AE }
```

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

```
.background{ background-color:#6BC5AE }
```

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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