

Converting Colors

Hex(6BC0AA)

Have a look what the booklet for
Hex(6BC0AA) contains.

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Color

Hex(6BC0AA)

Conversions

Conversions Part 1

Format	Color
Hex	6BC0AA
RGB	107, 192, 170
RGB Percent	42%, 75%, 67%
CMY	0.5804, 0.2471, 0.3333
CMYK	0.44, 0.00, 0.11, 0.25
HSL	164°, 40%, 59%
HSV	164°, 44%, 75%
XYZ	32.1687, 43.7274, 44.7750
YIQ	164.0770, -43.5980, -24.8620

Conversions

Conversions Part 2

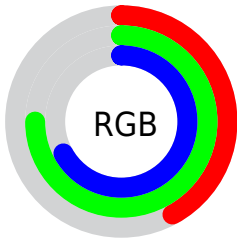
Format	Color
RYB	107, 156, 192
Decimal	7061674
CIELab	72.05, -31.06, 3.08
CIElCh	72, 31.214, 174.343
Yxy	43.7274, 0.2666, 0.3624
Android (android.graphics.Color)	4285251754 (0xFF6BC0AA)
YUV	164.0770, 2.9200, -50.0565
Hunter-Lab	66.1267, -28.8865, 6.1429

Details

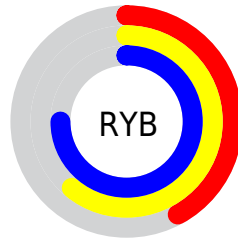
The Hex color **6BC0AA** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C06B81**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **A3F9E1**, and **338A76** is the 20% darker color. If you saturate the color by 10%, you get **58C0A5**, and if you desaturate by 10%, it is **7EC0AF**.

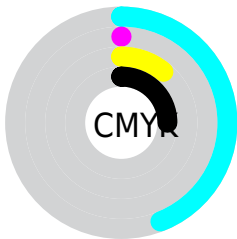
Distribution



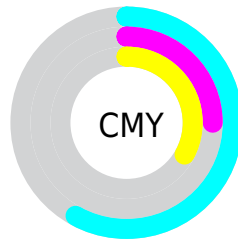
- Red (42%)
- Green (75%)
- Blue (67%)



- Red (42%)
- Yellow (61%)
- Blue (75%)



- Cyan (44%)
- Magenta (0%)
- Yellow (11%)
- Black (25%)



- Cyan (58%)
- Magenta (25%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BC0AA 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 6BC0AA by changing the saturation by 10% instead.

 6BC0AA

 6BC0AA

FFFFFF

 4FA590

 A3F9E1

 338A76

 BFFFFE

 0F705D

 DCFFFF

 005746

 F9FFFF

 003F2F

 00291B

 000E00

 000000

 6BC0AA

 6BC0AA

 58C0A5

 7EC0AF

 45C0A0

 91C0B4

 31C09B

 A5C0B9

 1EC096

 B8C0BE

 0BC091

 CBC0C3

 00C08E

 DEC0C8

 F1C0CD

 FFC0D2

 FFC0D7

Harmonies

Analogous

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



8CBD8F



6BC0AA



55C0C7

Triad

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



6BC0AA



ADABE4



DFA383

Complementary

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



6BC0AA



C06B81

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.



E99D9A



6BC0AA



D0A2D2

Square

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



6BC0AA



83B5E9



E59CB7



CAAD78

Rectangle

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



6BC0AA



57BED7



E59CB7



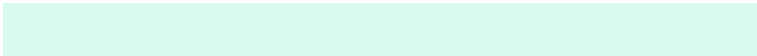
E4A18A

Sweetspot

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



6BC0AA



D9FAF1



82C06B



697D78



FCFCFC



7D7D7D

Same Dimension

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



6BC0AA



75FAD8



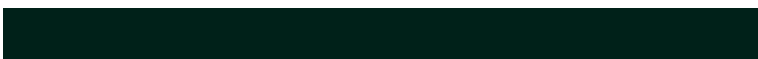
6BACC0



57615E



00A177



002119

Inverse Universe

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



C06B81



FA7598



C07F6B



61575A



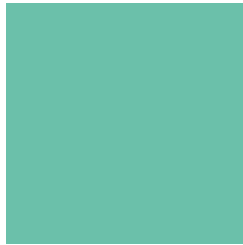
A1002A



210009

Previews

White Background



This preview shows how the Hex color 6BC0AA looks on a white background.

Color Contrast Check

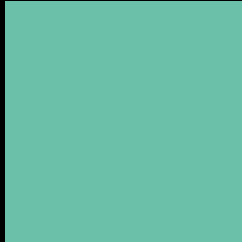
Large Text (above 18pt) WCAG AA × Fail

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 6BC0AA 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 6BC0AA Background



This preview shows how black text looks on a background with the Hex color 6BC0AA.



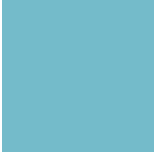
This preview shows how white text looks on a background with the Hex color 6BC0AA.

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](#).

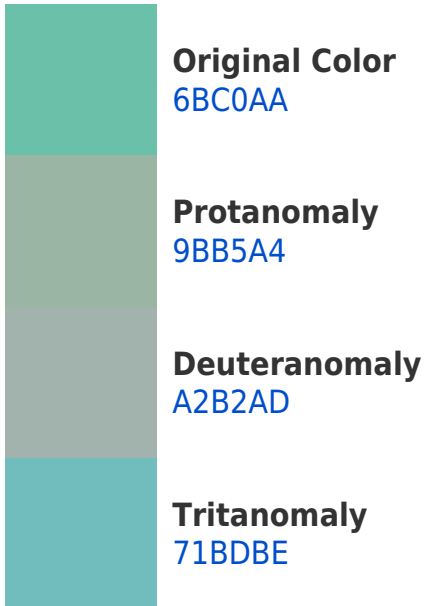
Dichromacy



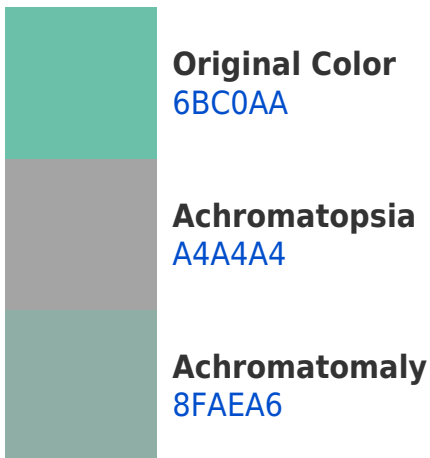


Tritanopia
74BBCA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BC0AA 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 #6BC0AA looks like.

```
.text, #text, p{  
    color:#6BC0AA  
}
```

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 #6BC0AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BC0AA
}
```

Border

The CSS property to change the border of an element to Hex 6BC0AA 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
#6BC0AA }
```

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

```
.border{ border-color:#6BC0AA }
```

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

Here you see how a box with a 4 pixel #6BC0AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BC0AA; -webkit-box-shadow:4px 4px  
4px 4px #6BC0AA; box-shadow:4px 4px 4px  
4px #6BC0AA }
```

Background

The CSS property to change the background color of an element to Hex 6BC0AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BC0AA }
```

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

```
.background{ background-color:#6BC0AA }
```

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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