

Converting Colors

Hex(6BC0A2)

Have a look what the booklet for
Hex(6BC0A2) contains.

Hex(6BC0A2)	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(6BC0A2)

Conversions

Conversions Part 1

Format	Color
Hex	6BC0A2
RGB	107, 192, 162
RGB Percent	42%, 75%, 64%
CMY	0.5804, 0.2471, 0.3647
CMYK	0.44, 0.00, 0.16, 0.25
HSL	159°, 40%, 59%
HSV	159°, 44%, 75%
XYZ	31.4346, 43.4337, 40.9092
YIQ	163.1650, -41.0300, -27.3500

Conversions

Conversions Part 2

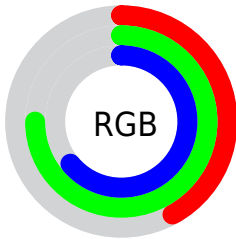
Format	Color
RYB	107, 159, 192
Decimal	7061666
CIELab	71.85, -32.88, 7.15
CIELCh	72, 33.649, 167.739
Yxy	43.4337, 0.2715, 0.3751
Android (android.graphics.Color)	4285251746 (0xFF6BC0A2)
YUV	163.1650, -0.5743, -49.2567
Hunter-Lab	65.9043, -30.1926, 9.3295

Details

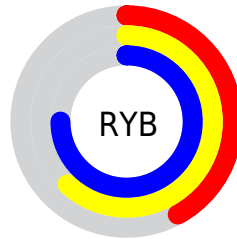
The Hex color **6BC0A2** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C06B89**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **A2F9D9**, and **338A6E** is the 20% darker color. If you saturate the color by 10%, you get **58C09B**, and if you desaturate by 10%, it is **7EC0A9**.

Distribution



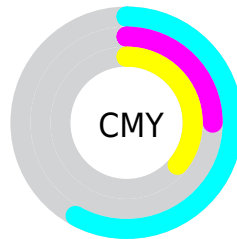
- Red (42%)
- Green (75%)
- Blue (64%)



- Red (42%)
- Yellow (62%)
- Blue (75%)



- Cyan (44%)
- Magenta (0%)
- Yellow (16%)
- Black (25%)



- Cyan (58%)
- Magenta (25%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BC0A2 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 6BC0A2 by changing the saturation by 10% instead.



6BC0A2



6BC0A2

FFFFFF



50A588



A2F9D9



338A6E



BFFFF5



117056



DCFFFF



00573F



F9FFFF



003F29



002914



000C00



000000



6BC0A2



6BC0A2

■ 58C09B

■ 7EC0A9

■ 45C094

■ 91C0B0

■ 31C08E

■ A5C0B6

■ 1EC087

■ B8C0BD

■ 0BC080

■ CBC0C4

■ 00C07C

■ DEC0CB

■ F1C0D1

■ FFC0D8

■ FFC0DF

Harmonies

Analogous

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



90BC86



6BC0A2



4CC1C2

Triad

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



6BC0A2



A2ADEA



E5A084

Complementary

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



6BC0A2



C06B89

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.



ED999F



6BC0A2



CAA2DA

Square

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



6BC0A2



73B7EB



E49ABE



D0AA74

Rectangle

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



6BC0A2



46BFD5



E49ABE



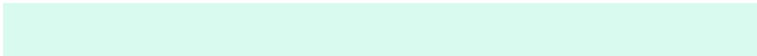
EA9D8C

Sweetspot

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



6BC0A2



D9FAEE



8AC06B



697D76



FCFCFC



7D7D7D

Same Dimension

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



6BC0A2



75FACB



6BB5C0



57615D



00A168



002115

Inverse Universe

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



C06B89



FA75A4



C0766B



61575B



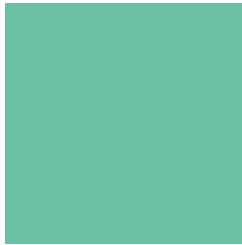
A10039



21000C

Previews

White Background



This preview shows how the Hex color 6BC0A2 looks on a white background.

Color Contrast Check

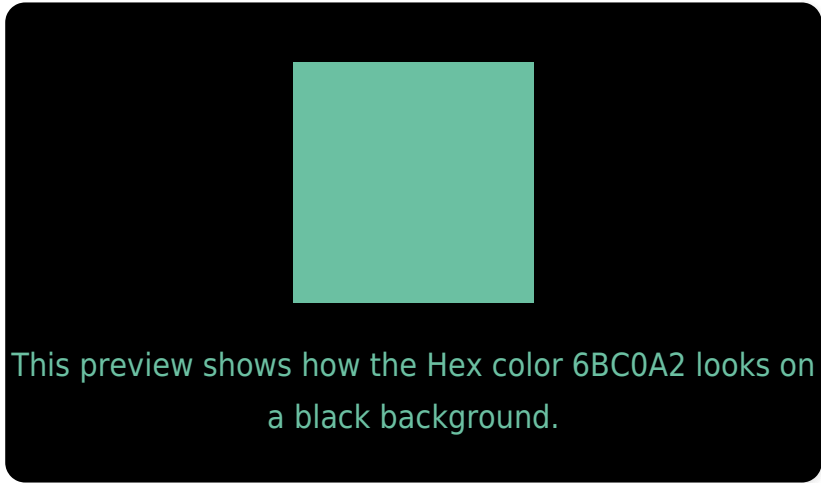
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

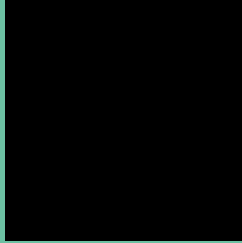
Any Text WCAG AA ✓ Pass

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 6BC0A2 Background



This preview shows how black text looks on a background with the Hex color 6BC0A2.



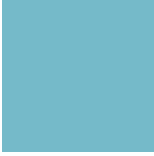
This preview shows how white text looks on a background with the Hex color 6BC0A2.

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](#).

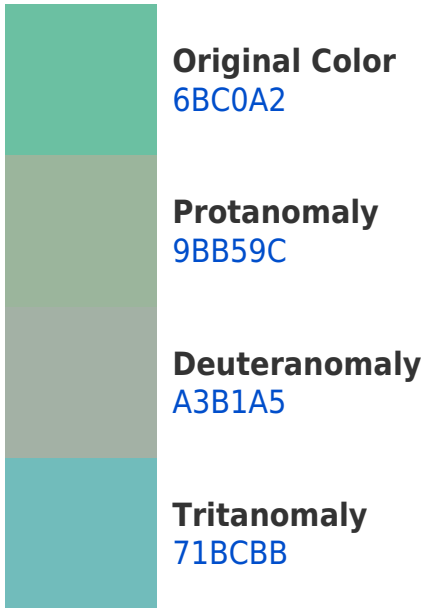
Dichromacy



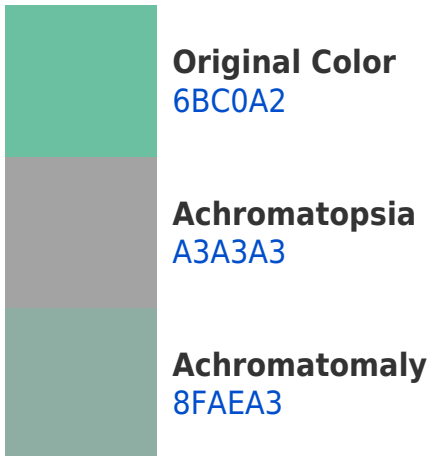


Tritanopia
75BAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BC0A2 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 #6BC0A2 looks like.

```
.text, #text, p{  
    color:#6BC0A2  
}
```

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 #6BC0A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BC0A2
}
```

Border

The CSS property to change the border of an element to Hex 6BC0A2 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
#6BC0A2 }
```

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

```
.border{ border-color:#6BC0A2 }
```

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

Here you see how a box with a 4 pixel #6BC0A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BC0A2; -webkit-box-shadow:4px 4px  
4px 4px #6BC0A2; box-shadow:4px 4px 4px  
4px #6BC0A2 }
```

Background

The CSS property to change the background color of an element to Hex 6BC0A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BC0A2 }
```

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

```
.background{ background-color:#6BC0A2 }
```

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