

# Converting Colors

Hex(6BC1B2)

Have a look what the booklet for  
Hex(6BC1B2) contains.

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# Color

**Hex(6BC1B2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6BC1B2
RGB	107, 193, 178
RGB Percent	42%, 76%, 70%
CMY	0.5804, 0.2431, 0.3020
CMYK	0.45, 0.00, 0.08, 0.24
HSL	170°, 41%, 59%
HSV	170°, 45%, 76%
XYZ	33.1693, 44.4801, 48.9568
YIQ	165.5760, -46.4410, -22.8970

# Conversions

## Conversions Part 2

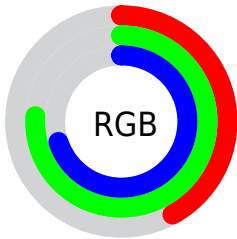
<b>Format</b>	<b>Color</b>
<b>RYB</b>	107, 154, 193
Decimal	7061938
CIELab	72.55, -29.65, -0.55
CIElCh	73, 29.657, 181.063
Yxy	44.4801, 0.2620, 0.3513
Android (android.graphics.Color)	4285252018 (0xFF6BC1B2)
YUV	165.5760, 6.1250, -51.3712
Hunter-Lab	66.6934, -27.9383, 3.1631

# Details

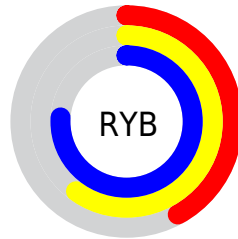
The Hex color **6BC1B2** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C16B7A**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **A3FAEA**, and **328B7D** is the 20% darker color. If you saturate the color by 10%, you get **58C1AF**, and if you desaturate by 10%, it is **7EC1B5**.

# Distribution



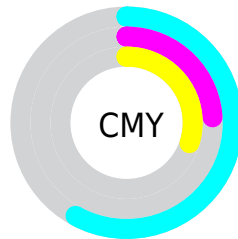
- Red (42%)
- Green (76%)
- Blue (70%)



- Red (42%)
- Yellow (60%)
- Blue (76%)



- Cyan (45%)
- Magenta (0%)
- Yellow (8%)
- Black (24%)



- Cyan (58%)
- Magenta (24%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6BC1B2 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 6BC1B2 by changing the saturation by 10% instead.





6BC1B2



6BC1B2

FFFFFF



4FA697



A3FAEA



328B7D



BFFFFFF



0C7165



DCFFFF



00584D



FAFFFF



004036



002A21



00110A



000000



6BC1B2



6BC1B2

■ 58C1AF

■ 7EC1B5

■ 44C1AB

■ 92C1B9

■ 31C1A8

■ A5C1BC

■ 1EC1A5

■ B8C1BF

■ 0BC1A1

■ CBC1C3

■ 00C19F

■ DFC1C6

■ F2C1CA

■ FFC1CD

■ FFC1D0

# Harmonies

## Analogous

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



88BE97



6BC1B2



5DC0CD

# Triad

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



6BC1B2



B7ABE0



DBA783

# Complementary

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



6BC1B2



C16B7A

# 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.



E7A097



6BC1B2



D6A2CD

# Square

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



6BC1B2



90B4E8



E69EB2



C4B17C

# Rectangle

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



6BC1B2



64BEDB



E69EB2



E1A589

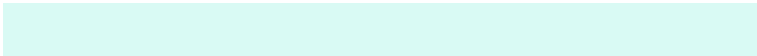


# Sweetspot

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



6BC1B2



D9FAF4



7BC16B



697D79



FCFCFC



7D7D7D



# Same Dimension

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



6BC1B2



75FAE3



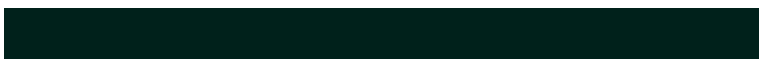
6BA6C1



57615F



00A185



00211B



# Inverse Universe

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



C16B7A



FA758D



C1866B



615759



A1001C

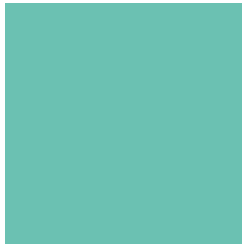


210006



# Previews

## White Background



This preview shows how the Hex color 6BC1B2 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 6BC1B2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

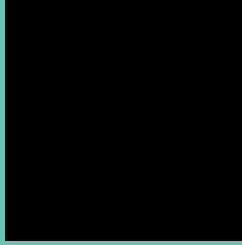
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

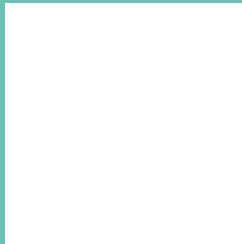
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6BC1B2 Background



This preview shows how black text looks on a background with the Hex color 6BC1B2.

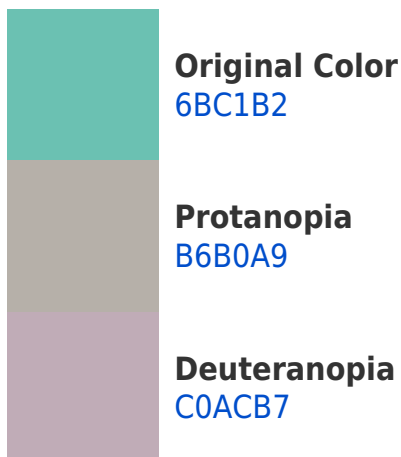


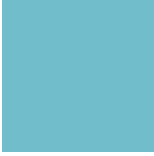
This preview shows how white text looks on a background with the Hex color 6BC1B2.

# Color Blindness Simulation

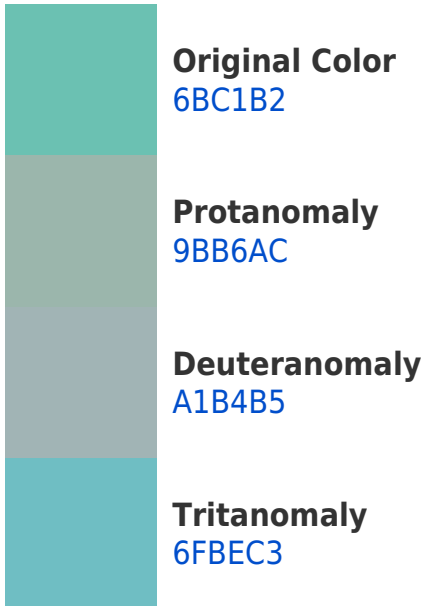
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6BC1B2 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 #6BC1B2 looks like.

```
.text, #text, p{  
    color:#6BC1B2  
}
```

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 #6BC1B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BC1B2
}
```

## Border

The CSS property to change the border of an element to Hex 6BC1B2 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
#6BC1B2 }
```

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

```
.border{ border-color:#6BC1B2 }
```

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

Here you see how a box with a 4 pixel #6BC1B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BC1B2; -webkit-box-shadow:4px 4px  
4px 4px #6BC1B2; box-shadow:4px 4px 4px  
4px #6BC1B2 }
```

# Background

The CSS property to change the background color of an element to Hex 6BC1B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BC1B2 }
```

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

```
.background{ background-color:#6BC1B2 }
```

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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