

# Converting Colors

Hex(64C9BB)

Have a look what the booklet for  
Hex(64C9BB) contains.

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**Color**

**Hex(64C9BB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	64C9BB
RGB	100, 201, 187
RGB Percent	39%, 79%, 73%
CMY	0.6078, 0.2118, 0.2667
CMYK	0.50, 0.00, 0.07, 0.21
HSL	172°, 48%, 59%
HSV	172°, 50%, 79%
XYZ	35.1118, 48.0705, 54.4417
YIQ	169.2050, -55.7020, -25.7660

# Conversions

## Conversions Part 2

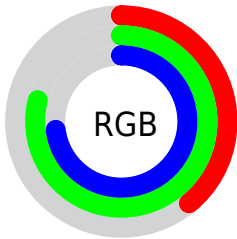
Format	Color
<a href="#">RYB</a>	<a href="#">100, 154, 201</a>
Decimal	<a href="#">6605243</a>
CIELab	<a href="#">74.87, -32.91, -2.07</a>
CIELCh	<a href="#">75, 32.980, 183.597</a>
Yxy	<a href="#">48.0705, 0.2551, 0.3493</a>
Android (android.graphics.Color)	<a href="#">4284795323</a> ( <a href="#">0xFF64C9BB</a> )
YUV	<a href="#">169.2050, 8.7729, -60.6928</a>
Hunter-Lab	<a href="#">69.3329, -30.9359, 1.9772</a>

# Details

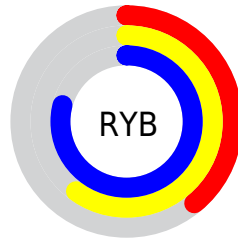
The Hex color **64C9BB** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C96472**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **9DFFF3**, and **259286** is the 20% darker color. If you saturate the color by 10%, you get **50C9B8**, and if you desaturate by 10%, it is **78C9BE**.

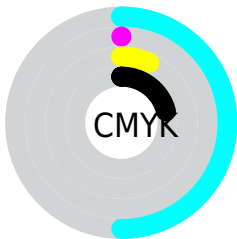
# Distribution



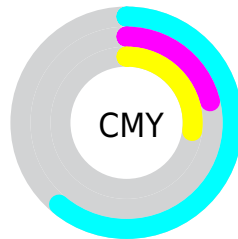
- Red (39%)
- Green (79%)
- Blue (73%)



- Red (39%)
- Yellow (60%)
- Blue (79%)



- Cyan (50%)
- Magenta (0%)
- Yellow (7%)
- Black (21%)



- Cyan (61%)
- Magenta (21%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 64C9BB 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 64C9BB by changing the saturation by 10% instead.



 64C9BB

 64C9BB

FFFFFF

 46ADA0

 9DFFF3

 259286

 BAFFFF

 00786D

 D8FFFF

 005F54

 F5FFFF

 00473D

 002F28

 001A13

 000000

 64C9BB

 64C9BB

 50C9B8

 78C9BE

 3CC9B5

 8CC9C1

 28C9B3

 A0C9C3

 14C9B0

 B4C9C6

 00C9AD

 C9C9C9

 DDC9CC

 F1C9CF

 FFC9D1

 FFC9D4

# Harmonies

## Analogous

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



86C79C



64C9BB



54C8D9

# Triad

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



64C9BB



C1AFEB



E4AD83

# Complementary

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



64C9BB



C96472

# 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.



F3A598



64C9BB



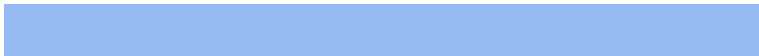
E2A6D4

# Square

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



64C9BB



96BAF4



F3A1B6



CAB87B

# Rectangle

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



64C9BB



5FC5E8



F3A1B6



EAAA89



# Sweetspot

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



64C9BB



D9FFFA



73C964



69807C



000000



808080



# Same Dimension

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



64C9BB



66FFEA



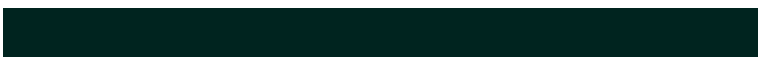
64A6C9



5A6362



00A38D



00241F



# Inverse Universe

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



C96472



FF667B



C98764



635A5B



A30017

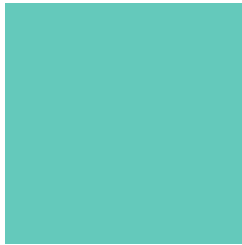


240005



# Previews

## White Background



This preview shows how the Hex color 64C9BB looks on a white background.

## Color Contrast Check

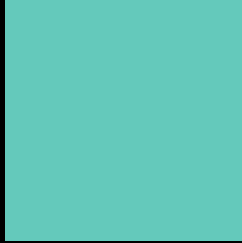
Large Text (above 18pt) WCAG AA × Fail

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 64C9BB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

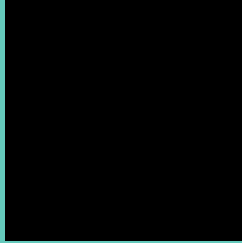
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

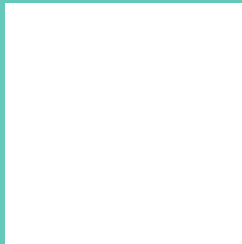
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 64C9BB Background



This preview shows how black text looks on a background with the Hex color 64C9BB.



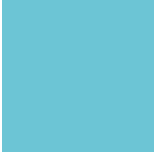
This preview shows how white text looks on a background with the Hex color 64C9BB.

# 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



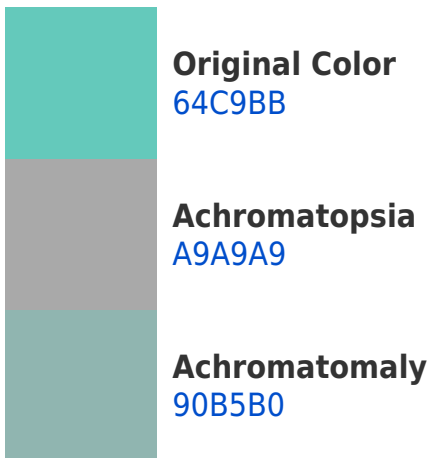


**Tritanopia**  
6CC5D5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 64C9BB 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 #64C9BB looks like.

```
.text, #text, p{  
    color:#64C9BB  
}
```

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 #64C9BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64C9BB
}
```

## Border

The CSS property to change the border of an element to Hex 64C9BB 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
#64C9BB }
```

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

```
.border{ border-color:#64C9BB }
```

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

Here you see how a box with a 4 pixel #64C9BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64C9BB; -webkit-box-shadow:4px 4px  
4px 4px #64C9BB; box-shadow:4px 4px 4px  
4px #64C9BB }
```

# Background

The CSS property to change the background color of an element to Hex 64C9BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64C9BB }
```

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

```
.background{ background-color:#64C9BB }
```

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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