

# Converting Colors

Hex(65C5BC)

Have a look what the booklet for  
Hex(65C5BC) contains.

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# Color

Hex(65C5BC)

# Conversions

## Conversions Part 1

Format	Color
Hex	65C5BC
RGB	101, 197, 188
RGB Percent	40%, 77%, 74%
CMY	0.6039, 0.2275, 0.2627
CMYK	0.49, 0.00, 0.05, 0.23
HSL	174°, 45%, 58%
HSV	174°, 49%, 77%
XYZ	34.4102, 46.3300, 54.7059
YIQ	167.2700, -54.3270, -23.1510

# Conversions

## Conversions Part 2

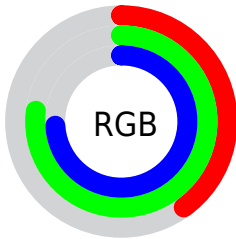
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">101, 151, 197</a>
Decimal	<a href="#">6669756</a>
CIELab	<a href="#">73.76, -30.54, -4.24</a>
CIELCh	<a href="#">74, 30.828, 187.904</a>
Yxy	<a href="#">46.3300, 0.2541, 0.3421</a>
Android (android.graphics.Color)	<a href="#">4284859836 (0xFF65C5BC)</a>
YUV	<a href="#">167.2700, 10.2199, -58.1188</a>
Hunter-Lab	<a href="#">68.0662, -28.8769, -0.0061</a>

# Details

The Hex color **65C5BC** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C5656E**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **9EFEF4**, and **278F87** is the 20% darker color. If you saturate the color by 10%, you get **51C5BA**, and if you desaturate by 10%, it is **79C5BE**.

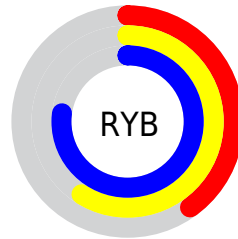
# Distribution



Red (40%)

Green (77%)

Blue (74%)



Red (40%)

Yellow (59%)

Blue (77%)

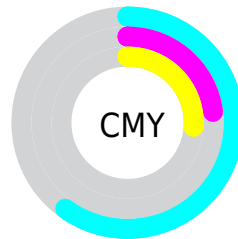


Cyan (49%)

Magenta (0%)

Yellow (5%)

Black (23%)



Cyan (60%)

Magenta (23%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 65C5BC 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 65C5BC by changing the saturation by 10% instead.



 65C5BC

 65C5BC

FFFFFF

 48AAA1

 9EFEF4

 278F87

 BBFFFF

 00756E

 D8FFFF

 005C55

 F6FFFF

 00443E

 002D28

 001614

 000000

 65C5BC

 65C5BC

■ 51C5BA

■ 79C5BE

■ 3EC5B8

■ 8CC5C0

■ 2AC5B6

■ A0C5C2

■ 16C5B5

■ B4C5C3

■ 02C5B3

■ C8C5C5

■ 00C5B3

■ DBC5C7

■ EFC5C9

■ FFC5CB

■ FFC5CD

# Harmonies

## Analogous

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



82C39F



65C5BC



5CC3D7

# Triad

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



65C5BC



C3ABE2



DBAC82

# Complementary

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



65C5BC



C5656E

# 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.



EBA494



65C5BC



E0A3CB

# Square

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



65C5BC



9CB5ED



EDA0AF



C2B67D

# Rectangle

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



65C5BC



68C0E4



EDA0AF



E2A986



# Sweetspot

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



65C5BC



D9FFFB



6FC565



69807D



000000



808080

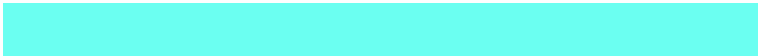


# Same Dimension

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



65C5BC



6BFFF1



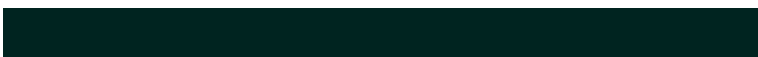
659FC5



5A6363



00A394



002420



# Inverse Universe

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



C5656E



FF6B79



C58B65



635A5A



A3000F

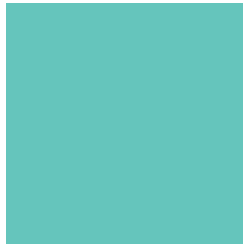


240003



# Previews

## White Background



This preview shows how the Hex color 65C5BC looks on a white background.

## Color Contrast Check

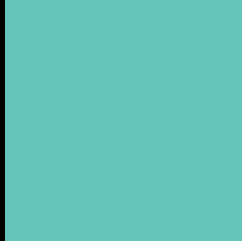
Large Text (above 18pt) WCAG AA × Fail

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 65C5BC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

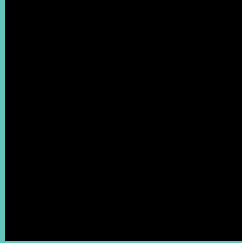
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

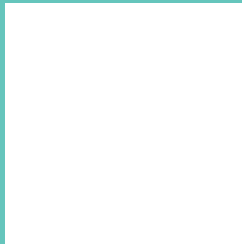
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 65C5BC Background



This preview shows how black text looks on a background with the Hex color 65C5BC.



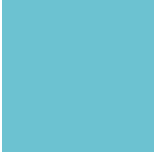
This preview shows how white text looks on a background with the Hex color 65C5BC.

# 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



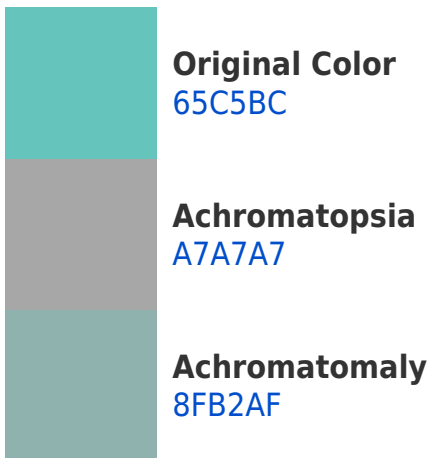


**Tritanopia**  
6CC2D1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 65C5BC 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 #65C5BC looks like.

```
.text, #text, p{  
    color:#65C5BC  
}
```

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 #65C5BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65C5BC
}
```

## Border

The CSS property to change the border of an element to Hex 65C5BC 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
#65C5BC }
```

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

```
.border{ border-color:#65C5BC }
```

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

Here you see how a box with a 4 pixel #65C5BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65C5BC; -webkit-box-shadow:4px 4px  
4px 4px #65C5BC; box-shadow:4px 4px 4px  
4px #65C5BC }
```

# Background

The CSS property to change the background color of an element to Hex 65C5BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65C5BC }
```

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

```
.background{ background-color:#65C5BC }
```

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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