

Converting Colors

Hex(65B6C1)

Have a look what the booklet for
Hex(65B6C1) contains.

Hex(65B6C1)	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(65B6C1)

Conversions

Conversions Part 1

Format	Color
Hex	65B6C1
RGB	101, 182, 193
RGB Percent	40%, 71%, 76%
CMY	0.6039, 0.2863, 0.2431
CMYK	0.48, 0.06, 0.00, 0.24
HSL	187°, 43%, 58%
HSV	187°, 48%, 76%
XYZ	31.7204, 40.0729, 56.5151
YIQ	159.0350, -51.8070, -13.7510

Conversions

Conversions Part 2

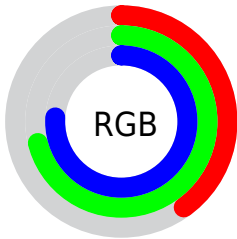
Format	Color
RYB	101, 144, 193
Decimal	6665921
CIELab	69.52, -21.81, -13.28
CIELCh	70, 25.532, 211.340
Yxy	40.0729, 0.2472, 0.3123
Android (android.graphics.Color)	4284856001 (0xFF65B6C1)
YUV	159.0350, 16.7447, -50.8967
Hunter-Lab	63.3031, -21.3363, -8.6201

Details

The Hex color **65B6C1** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C17065**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **9DEEF9**, and **29818B** is the 20% darker color. If you saturate the color by 10%, you get **52B4C1**, and if you desaturate by 10%, it is **78B8C1**.

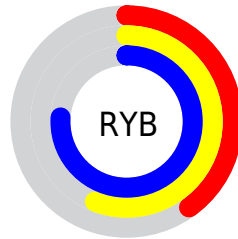
Distribution



Red (40%)

Green (71%)

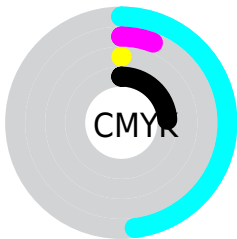
Blue (76%)



Red (40%)

Yellow (56%)

Blue (76%)

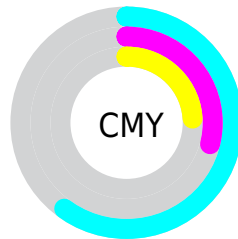


Cyan (48%)

Magenta (6%)

Yellow (0%)

Black (24%)



Cyan (60%)

Magenta (29%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65B6C1 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 65B6C1 by changing the saturation by 10% instead.

 65B6C1

 65B6C1

FFFFFF

 489BA6

 9DEEF9

 29818B

 BAFFFF

 006872

 D7FFFF

 004F5A

 F4FFFF

 003842

 00232C

 000118

 000000

 65B6C1

 65B6C1

■ 52B4C1

■ 78B8C1

■ 3EB1C1

■ 8CBBC1

■ 2BAFC1

■ 9FBDC1

■ 18ADC1

■ B2BFC1

■ 04AAC1

■ C5C2C1

■ 00AAC1

■ D9C4C1

■ ECC6C1

■ FFC8C1

■ FFCBC1

Harmonies

Analogous

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



6FB7AA



65B6C1



72B2D2

Triad

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



65B6C1



C99CC0



BAA97C

Complementary

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



65B6C1



C17065

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.



CDA182



65B6C1



D799AA

Square

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



65B6C1



AFA3D1



D89B93



A1B082

Rectangle

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



65B6C1



84AED7



D89B93



C1A67C

Sweetspot

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



65B6C1



D7F6FA



65C170



687A7D



FCFCFC



7D7D7D

Same Dimension

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



65B6C1



6BE9FA



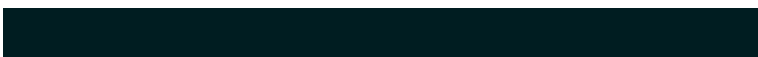
6588C1



576061



008DA1



001D21

Inverse Universe

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



C165B6



FA6BE9



C19E65



615760



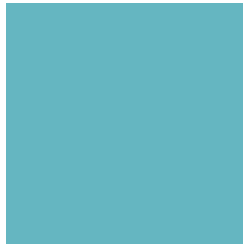
A1008D



21001D

Previews

White Background



This preview shows how the Hex color 65B6C1 looks on a white background.

Color Contrast Check

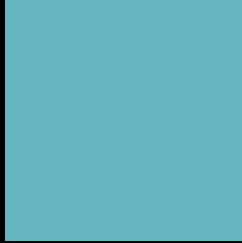
Large Text (above 18pt) WCAG AA × Fail

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 65B6C1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

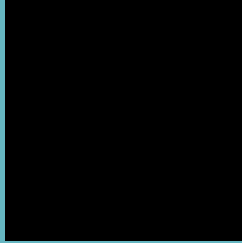
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

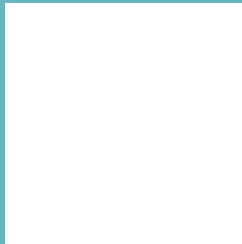
Any Text WCAG AAA ✓ Pass

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

Hex 65B6C1 Background



This preview shows how black text looks on a background with the Hex color 65B6C1.

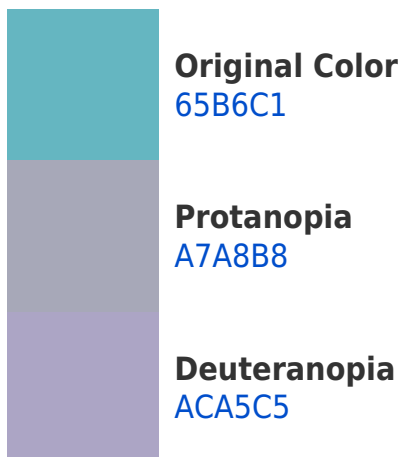


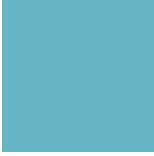
This preview shows how white text looks on a background with the Hex color 65B6C1.

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](#).

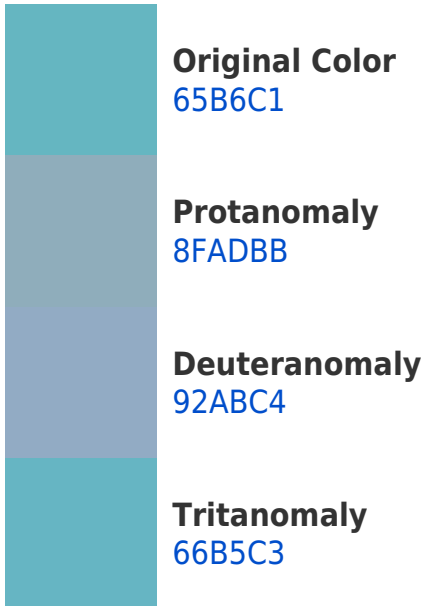
Dichromacy



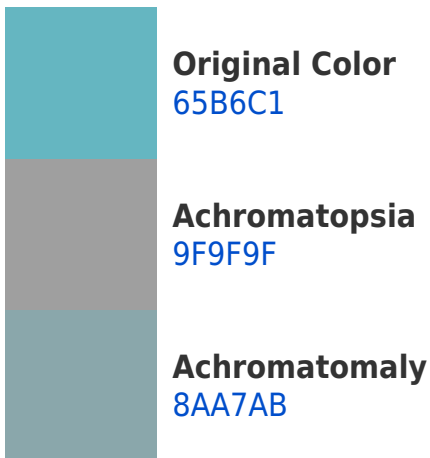


Tritanopia
66B5C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 65B6C1 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 #65B6C1 looks like.

```
.text, #text, p{  
    color:#65B6C1  
}
```

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 #65B6C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65B6C1  
}
```

Border

The CSS property to change the border of an element to Hex 65B6C1 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  
#65B6C1 }
```

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

```
.border{ border-color:#65B6C1 }
```

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

Here you see how a box with a 4 pixel #65B6C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65B6C1; -webkit-box-shadow:4px 4px  
4px 4px #65B6C1; box-shadow:4px 4px 4px  
4px #65B6C1 }
```

Background

The CSS property to change the background color of an element to Hex 65B6C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65B6C1 }
```

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

```
.background{ background-color:#65B6C1 }
```

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