

Converting Colors

Hex(65B6B1)

Have a look what the booklet for
Hex(65B6B1) contains.

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Color

Hex(65B6B1)

Conversions

Conversions Part 1	
Format	Color
Hex	65B6B1
RGB	101, 182, 177
RGB Percent	40%, 71%, 69%
CMY	0.6039, 0.2863, 0.3059
CMYK	0.45, 0.00, 0.03, 0.29
HSL	176°, 36%, 55%
HSV	176°, 45%, 71%
XYZ	30.0306, 39.3969, 47.6166
YIQ	157.2110, -46.6710, -18.7270

Conversions

Conversions Part 2

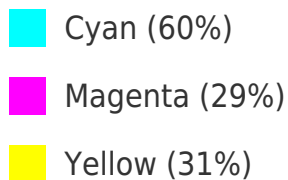
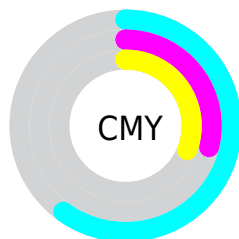
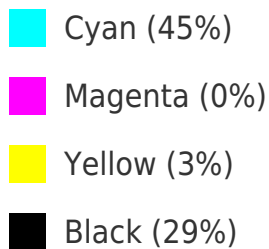
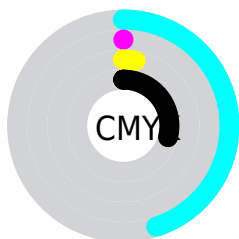
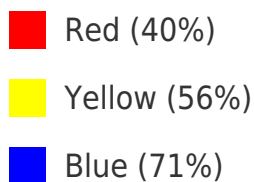
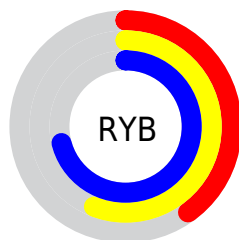
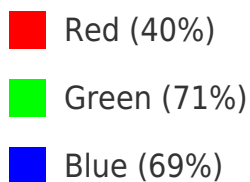
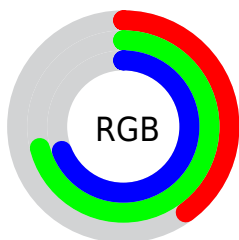
Format	Color
RYB	101, 143, 182
Decimal	6665905
CIELab	69.04, -25.99, -5.19
CIELCh	69, 26.508, 191.294
Yxy	39.3969, 0.2566, 0.3366
Android (android.graphics.Color)	4284855985 (0xFF65B6B1)
YUV	157.2110, 9.7560, -49.2970
Hunter-Lab	62.7670, -24.4396, -1.0420

Details

The Hex color **65B6B1** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **B6656A**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **9DEEE9**, and **2C817D** is the 20% darker color. If you saturate the color by 10%, you get **53B6B0**, and if you desaturate by 10%, it is **77B6B2**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Hex color 65B6B1 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 65B6B1 by changing the saturation by 10% instead.

 65B6B1

FFFFFF

 9DEEE9

 B9FFFF

 D6FFFF

 F3FFFF

 65B6B1

 499B96

 2C817D

 006764

 004F4C

 003835

 002320

 000009

 000000

 65B6B1

 65B6B1

 53B6B0 77B6B2 41B6AF 89B6B3 2EB6AE 9CB6B4 1CB6AD AEB6B5 0AB6AB C0B6B7 00B6AB D2B6B8 E4B6B9 F7B6BA FFB6BB

Harmonies

Analogous

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



7BB598



65B6B1



61B4C7

Triad

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



65B6B1



B89FCD



C7A27C

Complementary

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



65B6B1



B6656A

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.



D69B8A



65B6B1



CF99B8

Square

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



65B6B1



97A8D7



D997A0



B1AA79

Rectangle

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



65B6B1



6DB1D2



D997A0



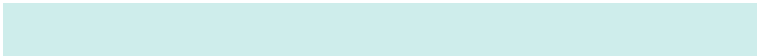
CD9F7F

Sweetspot

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



65B6B1



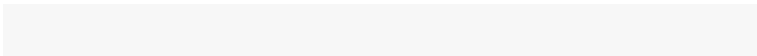
CEEDEB



6AB665



657877



F7F7F7



787878

Same Dimension

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



65B6B1



6FEDE5



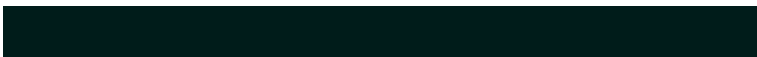
6593B6



535C5B



009C92



001C1A

Inverse Universe

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



B6656A



ED6F77



B68865



5C5353



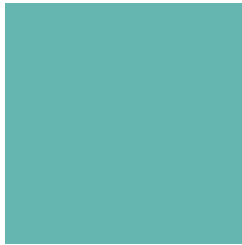
9C000A



1C0002

Previews

White Background



This preview shows how the Hex color 65B6B1 looks on a white background.

Color Contrast Check

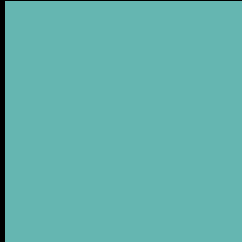
Large Text (above 18pt) WCAG AA × Fail

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 65B6B1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

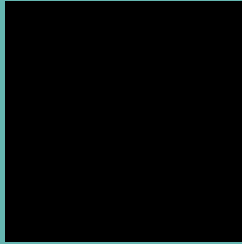
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

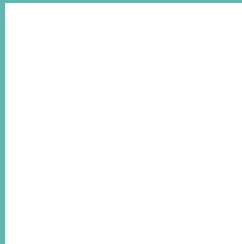
Any Text WCAG AAA ✓ Pass

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

Hex 65B6B1 Background



This preview shows how black text looks on a background with the Hex color 65B6B1.

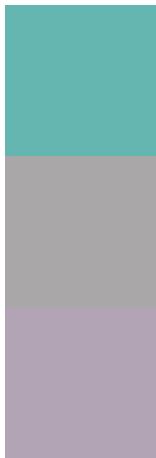


This preview shows how white text looks on a background with the Hex color 65B6B1.

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](#).

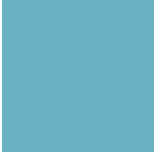
Dichromacy



Original Color
65B6B1

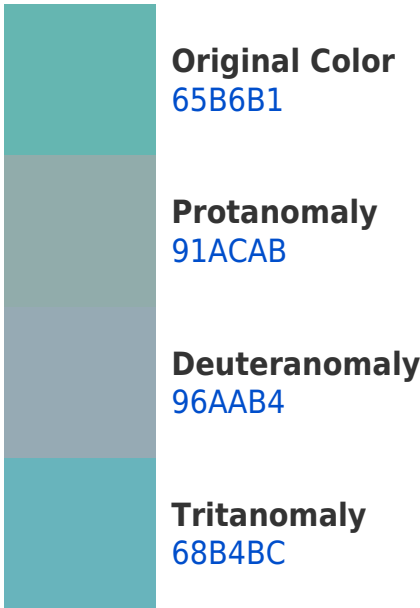
Protanopia
AAA7A8

Deuteranopia
B2A3B5



Tritanopia
6AB3C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 65B6B1 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 #65B6B1 looks like.

```
.text, #text, p{  
    color:#65B6B1  
}
```

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 #65B6B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65B6B1
}
```

Border

The CSS property to change the border of an element to Hex 65B6B1 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
#65B6B1 }
```

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

```
.border{ border-color:#65B6B1 }
```

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

Here you see how a box with a 4 pixel #65B6B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65B6B1; -webkit-box-shadow:4px 4px  
4px 4px #65B6B1; box-shadow:4px 4px 4px  
4px #65B6B1 }
```

Background

The CSS property to change the background color of an element to Hex 65B6B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65B6B1 }
```

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

```
.background{ background-color:#65B6B1 }
```

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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