

Converting Colors

Hex(65B4B4)

Have a look what the booklet for
Hex(65B4B4) contains.

Hex(65B4B4)	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(65B4B4)

Conversions

Conversions Part 1

Format	Color
Hex	65B4B4
RGB	101, 180, 180
RGB Percent	40%, 71%, 71%
CMY	0.6039, 0.2941, 0.2941
CMYK	0.44, 0.00, 0.00, 0.29
HSL	180°, 34%, 55%
HSV	180°, 44%, 71%
XYZ	29.9263, 38.7045, 49.0735
YIQ	156.3790, -47.0840, -16.7480

Conversions

Conversions Part 2

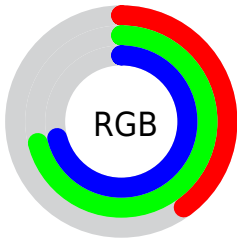
Format	Color
RYB	101, 141, 180
Decimal	6665396
CIELab	68.54, -24.23, -7.59
CIELCh	69, 25.389, 197.390
Yxy	38.7045, 0.2542, 0.3288
Android (android.graphics.Color)	4284855476 (0xFF65B4B4)
YUV	156.3790, 11.6452, -48.5674
Hunter-Lab	62.2129, -23.0088, -3.2188

Details

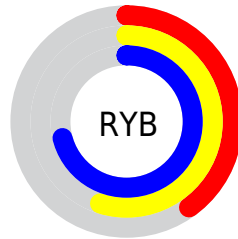
The Hex color **65B4B4** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **B46565**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **9DECEC**, and **2C7F7F** is the 20% darker color. If you saturate the color by 10%, you get **53B4B4**, and if you desaturate by 10%, it is **77B4B4**.

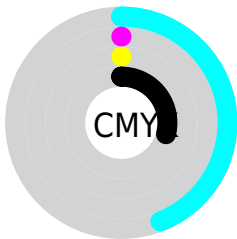
Distribution



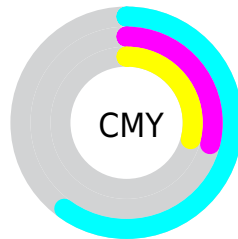
- Red (40%)
- Green (71%)
- Blue (71%)



- Red (40%)
- Yellow (55%)
- Blue (71%)



- Cyan (44%)
- Magenta (0%)
- Yellow (0%)
- Black (29%)



- Cyan (60%)
- Magenta (29%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65B4B4 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 65B4B4 by changing the saturation by 10% instead.



65B4B4



65B4B4

FFFFFF



499999



9DECEC



2C7F7F



B9FFFF



006666



D6FFFF



004D4E



F3FFFF



003638



002122



00000C



000000



65B4B4



65B4B4

53B4B4

77B4B4

41B4B4

89B4B4

2FB4B4

9BB4B4

1DB4B4

ADB4B4

0BB4B4

BFB4B4

00B4B4

D1B4B4

E3B4B4

F5B4B4

FFB4B4

Harmonies

Analogous

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



77B39C



65B4B4



67B2C8

Triad

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



65B4B4



BB9DC6



C1A27B

Complementary

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



65B4B4



B46565

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.



D19B86



65B4B4



CF97B2

Square

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



65B4B4



9EA5D3



D6979A



AAAA7B

Rectangle

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



65B4B4



74AED1



D6979A



C7A07D

Sweetspot

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



65B4B4



CCEBEB



65B465



637575



F5F5F5



757575

Same Dimension

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



65B4B4



6EEBEB



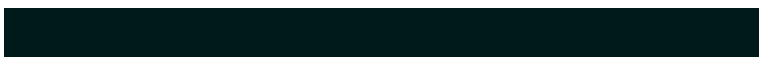
658DB4



505959



009999



001A1A

Inverse Universe

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



B465B4



EB6EEB



B48D65



595059



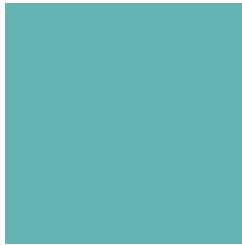
990099



1A001A

Previews

White Background



This preview shows how the Hex color 65B4B4 looks on a white background.

Color Contrast Check

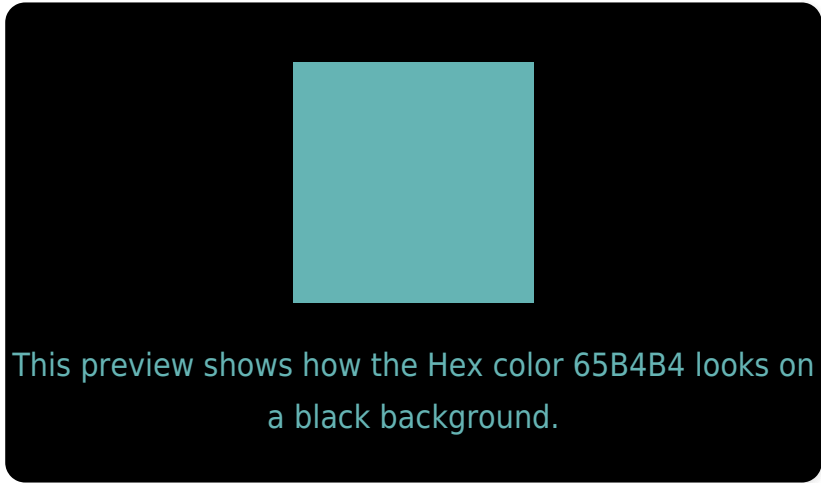
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

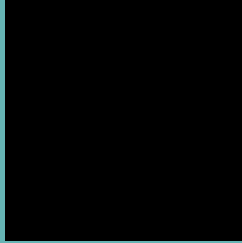
Any Text WCAG AA ✓ Pass

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 65B4B4 Background



This preview shows how black text looks on a background with the Hex color 65B4B4.

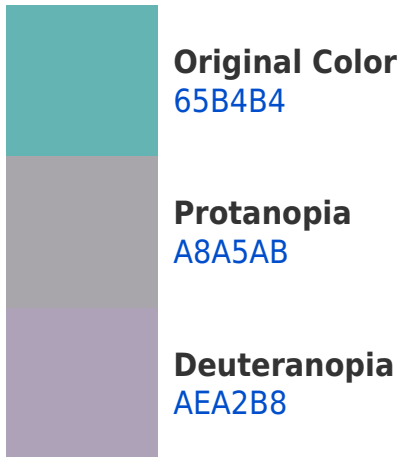


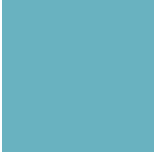
This preview shows how white text looks on a background with the Hex color 65B4B4.

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](#).

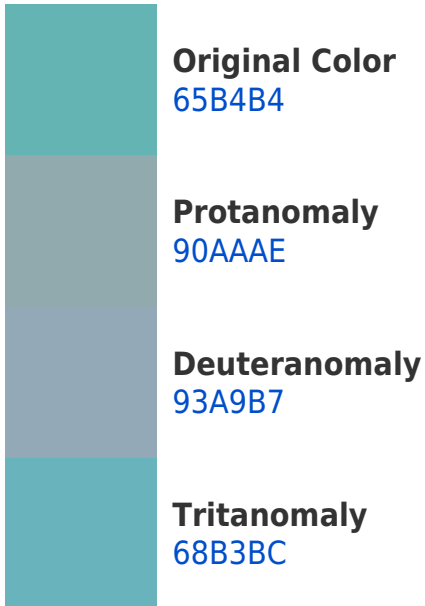
Dichromacy



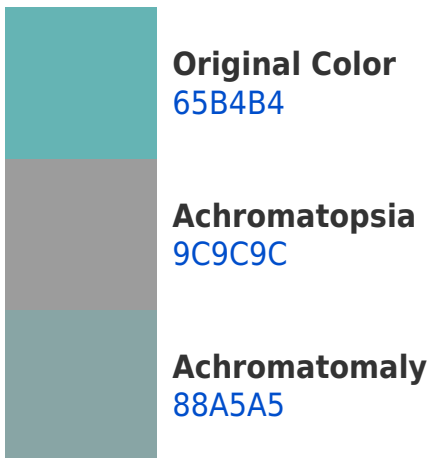


Tritanopia
69B2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 65B4B4 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 #65B4B4 looks like.

```
.text, #text, p{  
    color:#65B4B4  
}
```

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 #65B4B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65B4B4
}
```

Border

The CSS property to change the border of an element to Hex 65B4B4 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
#65B4B4 }
```

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

```
.border{ border-color:#65B4B4 }
```

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

Here you see how a box with a 4 pixel #65B4B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65B4B4; -webkit-box-shadow:4px 4px  
4px 4px #65B4B4; box-shadow:4px 4px 4px  
4px #65B4B4 }
```

Background

The CSS property to change the background color of an element to Hex 65B4B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65B4B4 }
```

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

```
.background{ background-color:#65B4B4 }
```

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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