

# Converting Colors

Hex(65B0BF)

Have a look what the booklet for  
Hex(65B0BF) contains.

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**Color**

**Hex(65B0BF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	65B0BF
RGB	101, 176, 191
RGB Percent	40%, 69%, 75%
CMY	0.6039, 0.3098, 0.2510
CMYK	0.47, 0.08, 0.00, 0.25
HSL	190°, 41%, 57%
HSV	190°, 47%, 75%
XYZ	30.2961, 37.5790, 54.9469
YIQ	155.2850, -49.5150, -11.2350

# Conversions

## Conversions Part 2

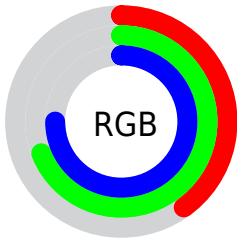
<b>Format</b>	<b>Color</b>
<b>RYB</b>	101, 142, 191
Decimal	6664383
CIELab	67.71, -19.27, -14.90
CIElCh	68, 24.358, 217.724
Yxy	37.5790, 0.2467, 0.3060
Android (android.graphics.Color)	4284854463 (0xFF65B0BF)
YUV	155.2850, 17.6075, -47.6079
Hunter-Lab	61.3017, -19.0608, -10.2326

# Details

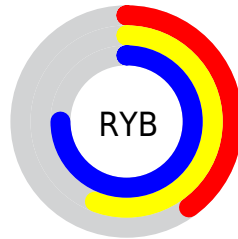
The Hex color **65B0BF** is a light color, and the websafe version is hex **669999**. A complement of this color would be **BF7465**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **9DE8F7**, and **2B7B8A** is the 20% darker color. If you saturate the color by 10%, you get **52ADBF**, and if you desaturate by 10%, it is **78B3BF**.

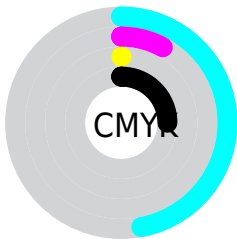
# Distribution



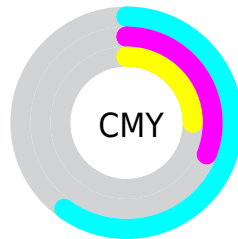
- Red (40%)
- Green (69%)
- Blue (75%)



- Red (40%)
- Yellow (56%)
- Blue (75%)



- Cyan (47%)
- Magenta (8%)
- Yellow (0%)
- Black (25%)



- Cyan (60%)
- Magenta (31%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 65B0BF 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 65B0BF by changing the saturation by 10% instead.



 65B0BF

 65B0BF

FFFFFF

 4995A4

 9DE8F7

 2B7B8A

 B9FFFF

 006270

 D6FFFF

 004A58

 F4FFFF

 003340

 001F2A

 000116

 000000

 65B0BF

 65B0BF

52ADBFBF

78B3BFBF

3FAABFBF

8BB6BFBF

2CA6BFBF

9EBABFBF

19A3BFBF

B1BDBFBF

05A0BFBF

C4C0BFBF

009FBFBF

D8C3BFBF

EBC6BFBF

FEC9BFBF

FFCDBFBF

# Harmonies

## Analogous

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



6AB1AA



65B0BF



75ACCD

# Triad

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



65B0BF



C697B6



AFA579

# Complementary

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



65B0BF



BF7465

# 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.



C39E7D



65B0BF



D195A0

# Square

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



65B0BF



B09DC8



D0988B



97AC82

# Rectangle

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



65B0BF



88A7D0



D0988B



B7A379



# Sweetspot

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



65B0BF



D5F2F7



65BF74



68797D



FCFCFC



7D7D7D



# Same Dimension

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



65B0BF



6AE0F7



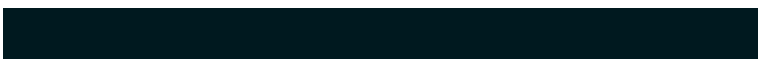
6583BF



555D5E



00849E



00191F



# Inverse Universe

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



BF65B0



F76AE0



BFA165



5E555D



9E0084

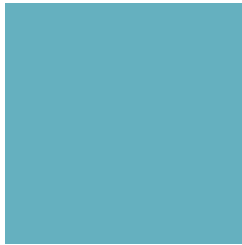


1F001A



# Previews

## White Background



This preview shows how the Hex color 65B0BF looks on a white background.

## Color Contrast Check

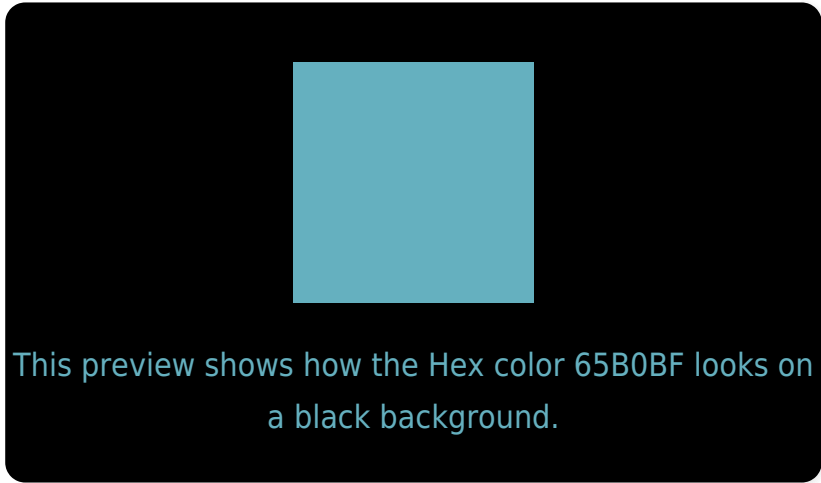
Large Text (above 18pt) WCAG AA × Fail

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

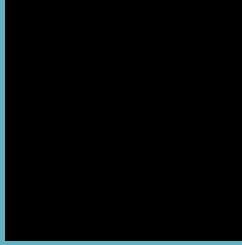
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 65B0BF Background



This preview shows how black text looks on a background with the Hex color 65B0BF.

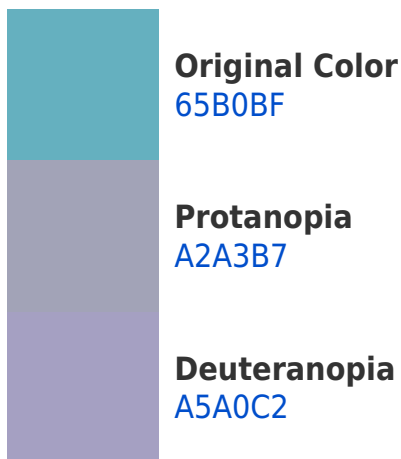


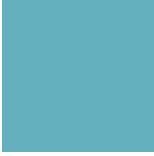
This preview shows how white text looks on a background with the Hex color 65B0BF.

# 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](#).

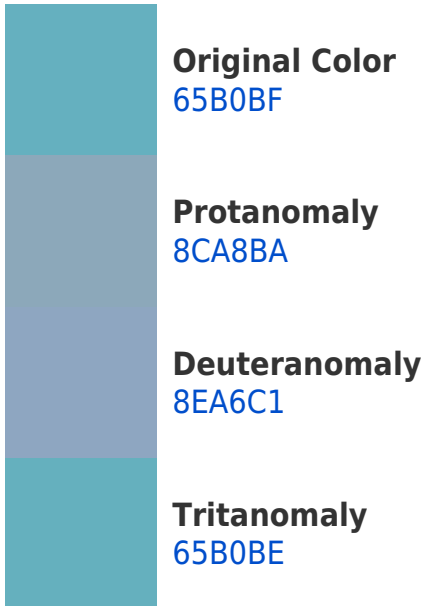
## Dichromacy



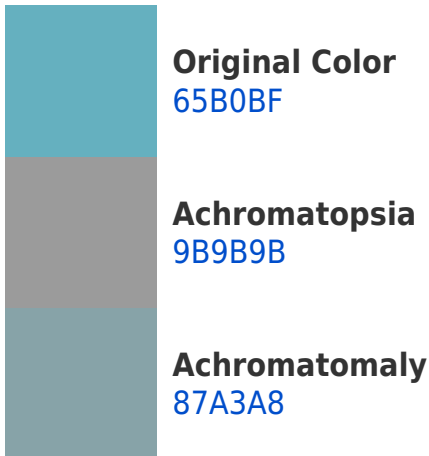


**Tritanopia**  
65B0BE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 65B0BF 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 #65B0BF looks like.

```
.text, #text, p{  
    color:#65B0BF  
}
```

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 #65B0BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65B0BF
}
```

## Border

The CSS property to change the border of an element to Hex 65B0BF 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
#65B0BF }
```

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

```
.border{ border-color:#65B0BF }
```

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

Here you see how a box with a 4 pixel #65B0BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65B0BF; -webkit-box-shadow:4px 4px  
4px 4px #65B0BF; box-shadow:4px 4px 4px  
4px #65B0BF }
```

# Background

The CSS property to change the background color of an element to Hex 65B0BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65B0BF }
```

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

```
.background{ background-color:#65B0BF }
```

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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