

# Converting Colors

Hex(64B4BE)

Have a look what the booklet for  
Hex(64B4BE) contains.

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**Color**

**Hex(64B4BE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	64B4BE
RGB	100, 180, 190
RGB Percent	39%, 71%, 75%
CMY	0.6078, 0.2941, 0.2549
CMYK	0.47, 0.05, 0.00, 0.25
HSL	187°, 41%, 57%
HSV	187°, 47%, 75%
XYZ	30.8711, 39.0695, 54.6293
YIQ	157.2200, -50.8900, -13.8500

# Conversions

## Conversions Part 2

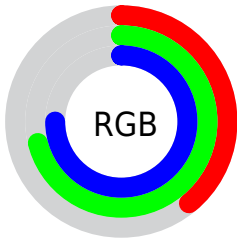
<b>Format</b>	<b>Color</b>
<b>RYB</b>	100, 142, 190
Decimal	6599870
CIELab	68.80, -21.83, -12.71
CIELCh	69, 25.260, 210.216
Yxy	39.0695, 0.2478, 0.3136
Android (android.graphics.Color)	4284789950 (0xFF64B4BE)
YUV	157.2200, 16.1605, -50.1819
Hunter-Lab	62.5056, -21.2251, -8.0649

# Details

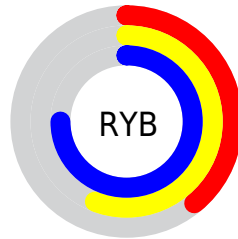
The Hex color **64B4BE** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **BE6E64**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **9CECF6**, and **297F89** is the 20% darker color. If you saturate the color by 10%, you get **51B2BE**, and if you desaturate by 10%, it is **77B6BE**.

# Distribution



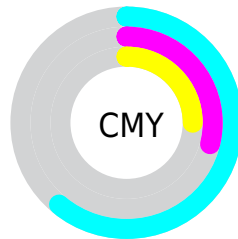
- Red (39%)
- Green (71%)
- Blue (75%)



- Red (39%)
- Yellow (56%)
- Blue (75%)



- Cyan (47%)
- Magenta (5%)
- Yellow (0%)
- Black (25%)



- Cyan (61%)
- Magenta (29%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 64B4BE 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 64B4BE by changing the saturation by 10% instead.



64B4BE

64B4BE

FFFFFF

4899A3

9CECF6

297F89

B9FFFF

00666F

D6FFFF

004D57

F3FFFF

003640

00212A

000116

000000

64B4BE

64B4BE

51B2BE

77B6BE

3EB0BE

8AB8BE

2BAEBE

9DBABE

18ACBE

B0BCBE

05A9BE

C3BFBE

00A9BE

D6C1BE

E9C3BE

FCC5BE

FFC7BE

# Harmonies

## Analogous

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



6FB5A7



64B4BE



70B0CF

# Triad

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



64B4BE



C59BBF



B8A67A

# Complementary

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



64B4BE



BE6E64

# 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.



CC9F81



64B4BE



D497A9

# Square

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



64B4BE



ACA2CF



D69992



A0AD80

# Rectangle

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



64B4BE



81ACD4



D69992



C0A47B



# Sweetspot

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



64B4BE



D5F4F7



64BE6D



687B7D



FCFCFC



7D7D7D



# Same Dimension

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



64B4BE



6AE8F7



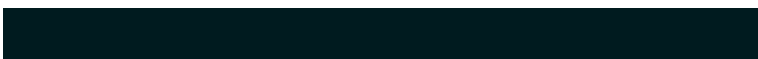
6488BE



555D5E



008D9E



001B1F



# Inverse Universe

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



BE64B4



F76AE8



BE9A64



5E555D



9E008D

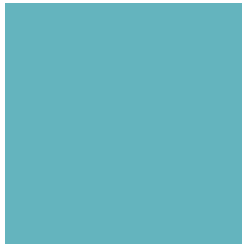


1F001B



# Previews

## White Background



This preview shows how the Hex color 64B4BE looks on a white background.

## Color Contrast Check

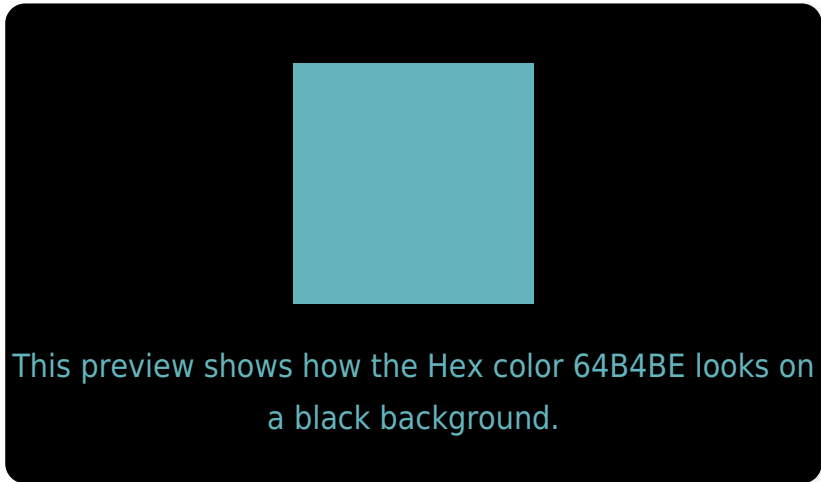
Large Text (above 18pt) WCAG AA × Fail

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

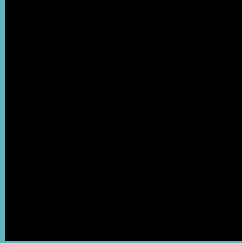
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 64B4BE Background



This preview shows how black text looks on a background with the Hex color 64B4BE.

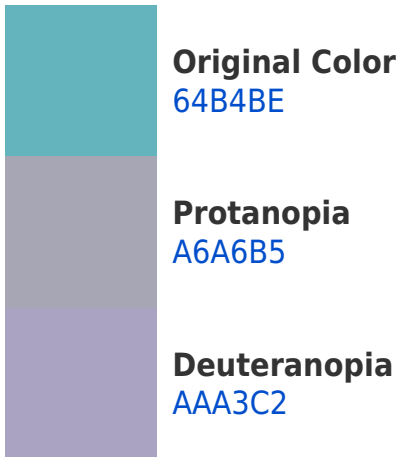


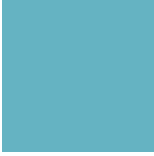
This preview shows how white text looks on a background with the Hex color 64B4BE.

# 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](#).

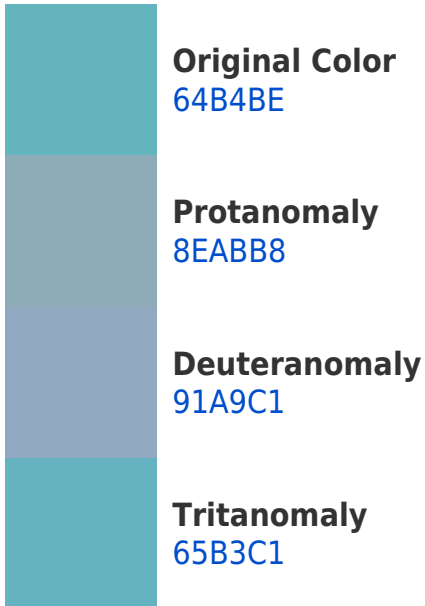
## Dichromacy



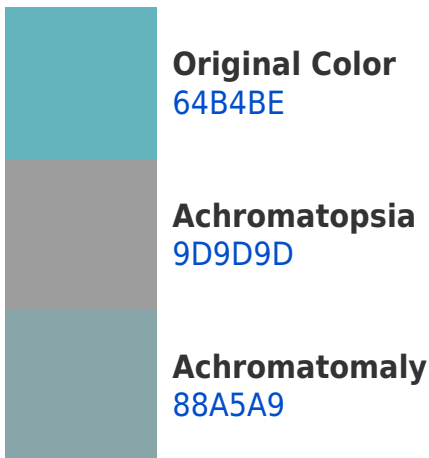


**Tritanopia**  
65B3C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 64B4BE 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 #64B4BE looks like.

```
.text, #text, p{  
    color:#64B4BE  
}
```

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 #64B4BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64B4BE
}
```

## Border

The CSS property to change the border of an element to Hex 64B4BE 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
#64B4BE }
```

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

```
.border{ border-color:#64B4BE }
```

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

Here you see how a box with a 4 pixel #64B4BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64B4BE; -webkit-box-shadow:4px 4px  
4px 4px #64B4BE; box-shadow:4px 4px 4px  
4px #64B4BE }
```

# Background

The CSS property to change the background color of an element to Hex 64B4BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64B4BE }
```

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

```
.background{ background-color:#64B4BE }
```

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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