

Converting Colors

Hex(64B1B1)

Have a look what the booklet for
Hex(64B1B1) contains.

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Color

Hex(64B1B1)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 64B1B1 |
| RGB | 100, 177, 177 |
| RGB Percent | 39%, 69%, 69% |
| CMY | 0.6078, 0.3059, 0.3059 |
| CMYK | 0.44, 0.00, 0.00, 0.31 |
| HSL | 180°, 33%, 54% |
| HSV | 180°, 44%, 69% |
| XYZ | 28.9135, 37.3279, 47.2761 |
| YIQ | 153.9770, -45.8920, -16.3240 |

Conversions

Conversions Part 2

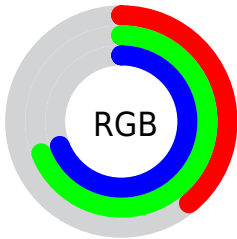
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 100, 139, 177 |
| Decimal | 6599089 |
| CIELab | 67.52, -23.74, -7.44 |
| CIElCh | 68, 24.877, 197.406 |
| Yxy | 37.3279, 0.2547, 0.3288 |
| Android (android.graphics.Color) | 4284789169 (0xFF64B1B1) |
| YUV | 153.9770, 11.3503, -47.3378 |
| Hunter-Lab | 61.0966, -22.4453, -3.1105 |

Details

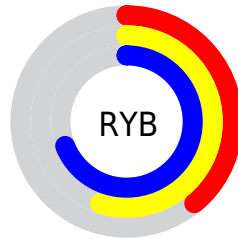
The Hex color **64B1B1** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B16464**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **9BE9E9**, and **2B7C7D** is the 20% darker color. If you saturate the color by 10%, you get **52B1B1**, and if you desaturate by 10%, it is **76B1B1**.

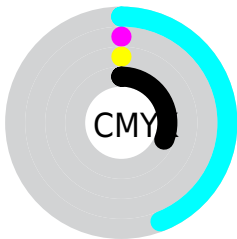
Distribution



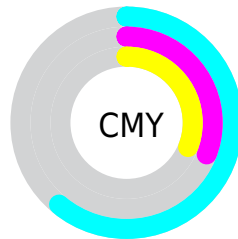
- Red (39%)
- Green (69%)
- Blue (69%)



- Red (39%)
- Yellow (55%)
- Blue (69%)



- Cyan (44%)
- Magenta (0%)
- Yellow (0%)
- Black (31%)



- Cyan (61%)
- Magenta (31%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64B1B1 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 64B1B1 by changing the saturation by 10% instead.



64B1B1



64B1B1

FFFFFF



489696



9BE9E9



2B7C7D



B8FFFF



006364



D4FFFF



004B4C



F2FFFF



003435



002020



000008



000000



64B1B1



64B1B1

■ 52B1B1

■ 76B1B1

■ 41B1B1

■ 87B1B1

■ 2FB1B1

■ 99B1B1

■ 1DB1B1

■ ABB1B1

■ 0CB1B1

■ BDB1B1

■ 00B1B1

■ CEB1B1

■ E0B1B1

■ F2B1B1

■ FFB1B1

Harmonies

Analogous

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



75B09A



64B1B1



66AFC5

Triad

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



64B1B1



B89AC3



BEA079

Complementary

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



64B1B1



B16464

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.



CD9984



64B1B1



CB95AF

Square

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



64B1B1



9BA2CF



D29498



A7A779

Rectangle

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



64B1B1



73ABCD



D29498



C49D7C

Sweetspot

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



64B1B1



C8E6E6



64B164



607373



F2F2F2



737373

Same Dimension

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



64B1B1



6EE6E6



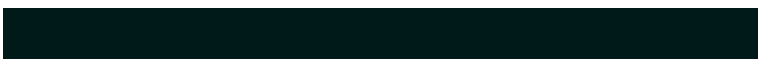
648BB1



505959



009999



001A1A

Inverse Universe

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



B164B1



E66EE6



B18B64



595059



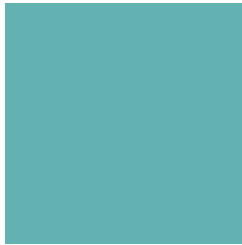
990099



1A001A

Previews

White Background



This preview shows how the Hex color 64B1B1 looks on a white background.

Color Contrast Check

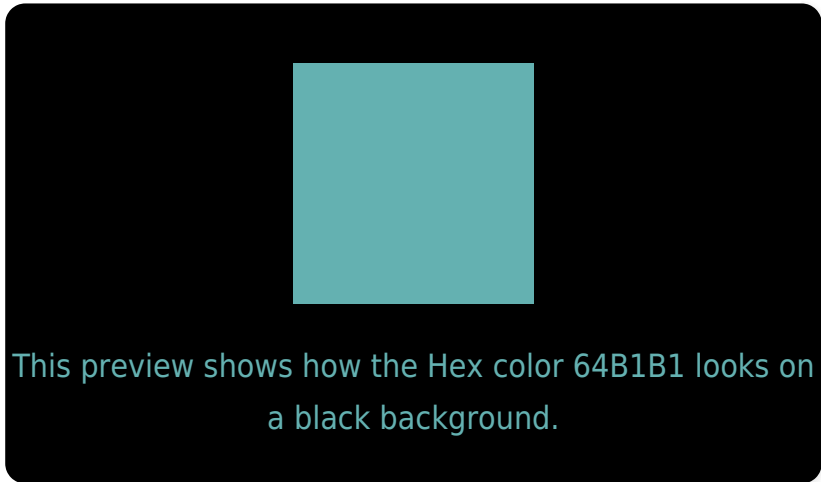
Large Text (above 18pt) WCAG AA × Fail

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

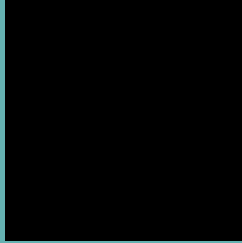
Any Text WCAG AA ✓ Pass

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 64B1B1 Background



This preview shows how black text looks on a background with the Hex color 64B1B1.

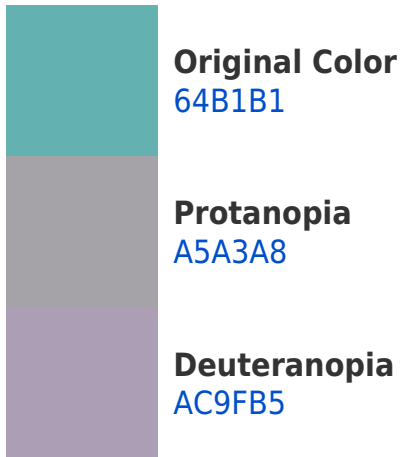


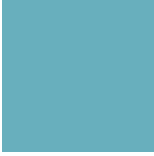
This preview shows how white text looks on a background with the Hex color 64B1B1.

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](#).

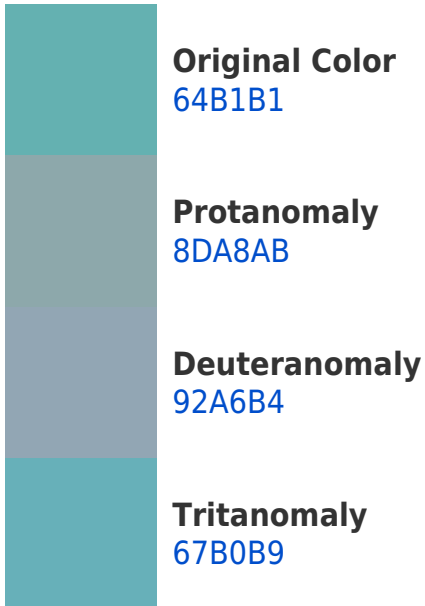
Dichromacy



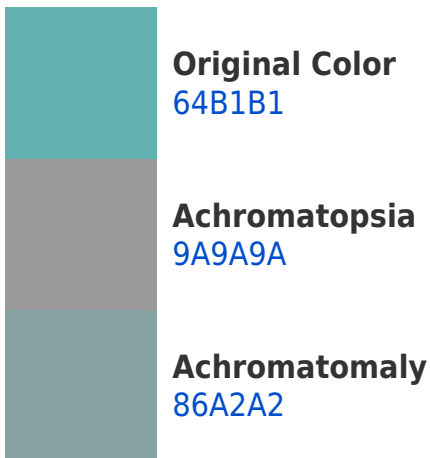


Tritanopia
68AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 64B1B1 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 #64B1B1 looks like.

```
.text, #text, p{  
    color:#64B1B1  
}
```

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 #64B1B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64B1B1
}
```

Border

The CSS property to change the border of an element to Hex 64B1B1 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
#64B1B1 }
```

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

```
.border{ border-color:#64B1B1 }
```

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

Here you see how a box with a 4 pixel #64B1B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64B1B1; -webkit-box-shadow:4px 4px  
4px 4px #64B1B1; box-shadow:4px 4px 4px  
4px #64B1B1 }
```

Background

The CSS property to change the background color of an element to Hex 64B1B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64B1B1 }
```

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

```
.background{ background-color:#64B1B1 }
```

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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