

Converting Colors

Hex(64B6B4)

Have a look what the booklet for
Hex(64B6B4) contains.

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Color

Hex(64B6B4)

Conversions

Conversions Part 1

Format	Color
Hex	64B6B4
RGB	100, 182, 180
RGB Percent	39%, 71%, 71%
CMY	0.6078, 0.2863, 0.2941
CMYK	0.45, 0.00, 0.01, 0.29
HSL	179°, 36%, 55%
HSV	179°, 45%, 71%
XYZ	30.2217, 39.4605, 49.2038
YIQ	157.2540, -48.2300, -18.0060

Conversions

Conversions Part 2

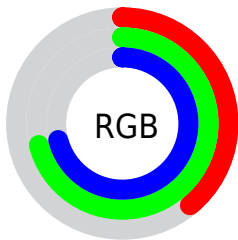
Format	Color
RYB	100, 142, 182
Decimal	6600372
CIELab	69.08, -25.47, -6.78
CIElCh	69, 26.358, 194.908
Yxy	39.4605, 0.2542, 0.3319
Android (android.graphics.Color)	4284790452 (0xFF64B6B4)
YUV	157.2540, 11.2138, -50.2118
Hunter-Lab	62.8176, -24.0540, -2.4684

Details

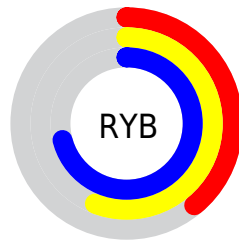
The Hex color **64B6B4** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **B66466**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **9CEEEC**, and **2A817F** is the 20% darker color. If you saturate the color by 10%, you get **52B6B4**, and if you desaturate by 10%, it is **76B6B4**.

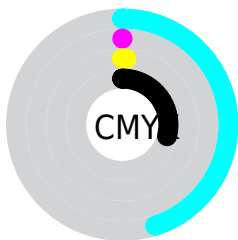
Distribution



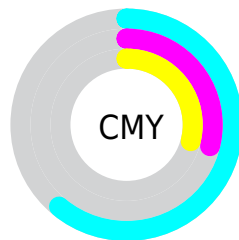
- Red (39%)
- Green (71%)
- Blue (71%)



- Red (39%)
- Yellow (56%)
- Blue (71%)



- Cyan (45%)
- Magenta (0%)
- Yellow (1%)
- Black (29%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 64B6B4 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 64B6B4 by changing the saturation by 10% instead.



64B6B4



64B6B4

FFFFFF



489B99



9CEEEC



2A817F



B8FFFF



006766



D5FFFF



004F4E



F2FFFF



003838



002322



00000C



000000



64B6B4



64B6B4

52B6B4

76B6B4

40B6B3

88B6B5

2DB6B3

9BB6B5

1BB6B2

ADB6B6

09B6B2

BFB6B6

00B6B2

D1B6B7

E3B6B7

F6B6B8

FFB6B8

Harmonies

Analogous

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



78B59B



64B6B4



63B4C9

Triad

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



64B6B4



BB9ECB



C5A37B

Complementary

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



64B6B4



B66466

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.



D49C88



64B6B4



D098B6

Square

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



64B6B4



9CA7D6



D9979D



AEAB7A

Rectangle

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



64B6B4



71B1D3



D9979D



CBA07E

Sweetspot

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



64B6B4



CCEDEC



67B664



637877



F7F7F7



787878

Same Dimension

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



64B6B4



6DEDEA



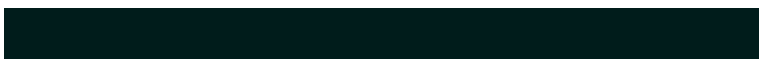
6490B6



535C5C



009C98



001C1B

Inverse Universe

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



B66466



ED6D70



B68A64



5C5353



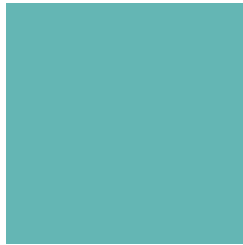
9C0004



1C0001

Previews

White Background



This preview shows how the Hex color 64B6B4 looks on a white background.

Color Contrast Check

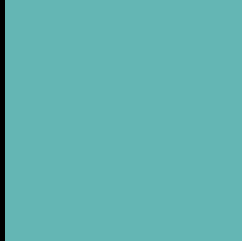
Large Text (above 18pt) WCAG AA × Fail

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 64B6B4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

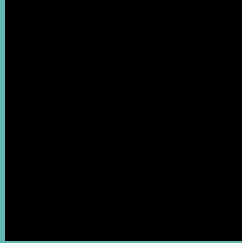
Any Text WCAG AA ✓ Pass

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 64B6B4 Background



This preview shows how black text looks on a background with the Hex color 64B6B4.

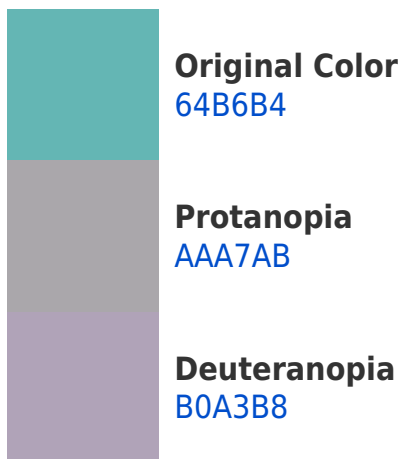


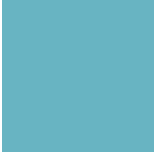
This preview shows how white text looks on a background with the Hex color 64B6B4.

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



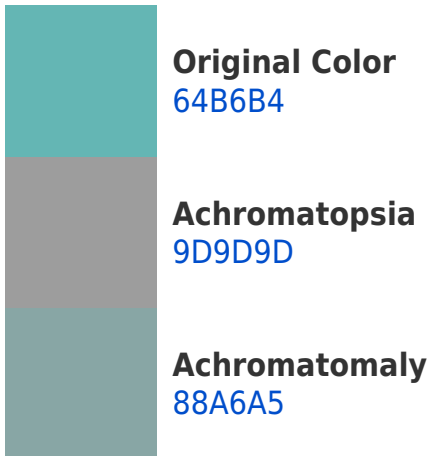


Tritanopia
68B4C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 64B6B4 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 #64B6B4 looks like.

```
.text, #text, p{  
    color:#64B6B4  
}
```

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 #64B6B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64B6B4
}
```

Border

The CSS property to change the border of an element to Hex 64B6B4 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
#64B6B4 }
```

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

```
.border{ border-color:#64B6B4 }
```

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

Here you see how a box with a 4 pixel #64B6B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64B6B4; -webkit-box-shadow:4px 4px  
4px 4px #64B6B4; box-shadow:4px 4px 4px  
4px #64B6B4 }
```

Background

The CSS property to change the background color of an element to Hex 64B6B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64B6B4 }
```

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

```
.background{ background-color:#64B6B4 }
```

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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