

Converting Colors

Hex(64B0B4)

Have a look what the booklet for
Hex(64B0B4) contains.

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Color

Hex(64B0B4)

Conversions

Conversions Part 1

Format	Color
Hex	64B0B4
RGB	100, 176, 180
RGB Percent	39%, 69%, 71%
CMY	0.6078, 0.3098, 0.2941
CMYK	0.44, 0.02, 0.00, 0.29
HSL	183°, 35%, 55%
HSV	183°, 44%, 71%
XYZ	29.0191, 37.0553, 48.8029
YIQ	153.7320, -46.5800, -14.8680

Conversions

Conversions Part 2

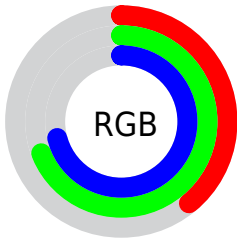
Format	Color
RYB	100, 139, 180
Decimal	6598836
CIELab	67.32, -22.45, -9.41
CIElCh	67, 24.341, 202.733
Yxy	37.0553, 0.2526, 0.3226
Android (android.graphics.Color)	4284788916 (0xFF64B0B4)
YUV	153.7320, 12.9501, -47.1230
Hunter-Lab	60.8730, -21.4342, -4.9226

Details

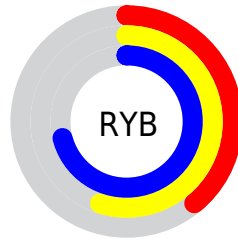
The Hex color **64B0B4** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B46864**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **9BE8EC**, and **2B7B7F** is the 20% darker color. If you saturate the color by 10%, you get **52AFB4**, and if you desaturate by 10%, it is **76B1B4**.

Distribution



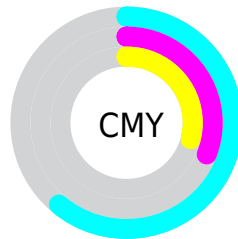
- Red (39%)
- Green (69%)
- Blue (71%)



- Red (39%)
- Yellow (55%)
- Blue (71%)



- Cyan (44%)
- Magenta (2%)
- Yellow (0%)
- Black (29%)



- Cyan (61%)
- Magenta (31%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64B0B4 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 64B0B4 by changing the saturation by 10% instead.

 64B0B4

 64B0B4

FFFFFF

 489599

 9BE8EC

 2B7B7F

 B8FFFF

 006266

 D4FFFF

 004A4E

 F2FFFF

 003338

 001F22

 00000C

 000000

 64B0B4

 64B0B4

■ 52AFB4

■ 76B1B4

■ 40AEB4

■ 88B2B4

■ 2EADB4

■ 9AB3B4

■ 1CACB4

■ ACB4B4

■ 0AABB4

■ BEB5B4

■ 00ABB4

■ D0B5B4

■ E2B6B4

■ F4B7B4

■ FFB8B4

Harmonies

Analogous

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



72B09E



64B0B4



6AADC6

Triad

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



64B0B4



BB99BF



B9A179

Complementary

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



64B0B4



B46864

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.



CA9A82



64B0B4



CC94AA

Square

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



64B0B4



A0A0CC



D19594



A2A87B

Rectangle

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



64B0B4



78AACD



D19594



BF9E7B

Sweetspot

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



64B0B4



CCE9EB



64B468



637475



F5F5F5



757575

Same Dimension

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



64B0B4



6EE4EB



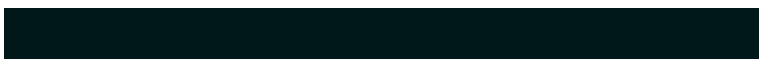
6488B4



505959



009199



00181A

Inverse Universe

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



B464B0



EB6EE4



B49064



595059



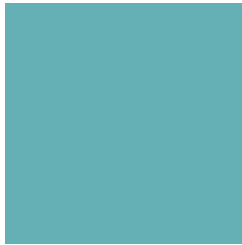
990091



1A0018

Previews

White Background



This preview shows how the Hex color 64B0B4 looks on a white background.

Color Contrast Check

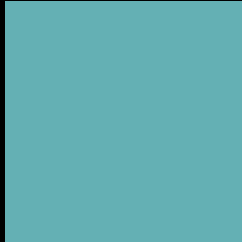
Large Text (above 18pt) WCAG AA × Fail

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 64B0B4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

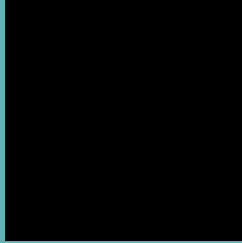
Any Text WCAG AA ✓ Pass

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 64B0B4 Background



This preview shows how black text looks on a background with the Hex color 64B0B4.

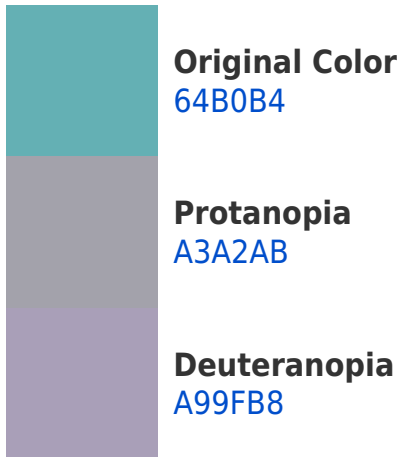


This preview shows how white text looks on a background with the Hex color 64B0B4.

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
67AFBD

Trichromacy



Original Color
64B0B4



Protanomaly
8CA7AE



Deuteranomaly
90A5B7



Tritanomaly
66AFBA

Monochromacy



Original Color
64B0B4



Achromatopsia
9A9A9A



Achromatomaly
86A2A3

CSS Examples

Text

The CSS property to change the color of the text to Hex 64B0B4 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 #64B0B4 looks like.

```
.text, #text, p{  
    color:#64B0B4  
}
```

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 #64B0B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64B0B4
}
```

Border

The CSS property to change the border of an element to Hex 64B0B4 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
#64B0B4 }
```

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

```
.border{ border-color:#64B0B4 }
```

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

Here you see how a box with a 4 pixel #64B0B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64B0B4; -webkit-box-shadow:4px 4px  
4px 4px #64B0B4; box-shadow:4px 4px 4px  
4px #64B0B4 }
```

Background

The CSS property to change the background color of an element to Hex 64B0B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64B0B4 }
```

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

```
.background{ background-color:#64B0B4 }
```

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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