

Converting Colors

Hex(64ACB4)

Have a look what the booklet for
Hex(64ACB4) contains.

Hex(64ACB4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(64ACB4)

Conversions

Conversions Part 1

Format	Color
Hex	64ACB4
RGB	100, 172, 180
RGB Percent	39%, 67%, 71%
CMY	0.6078, 0.3255, 0.2941
CMYK	0.44, 0.04, 0.00, 0.29
HSL	186°, 35%, 55%
HSV	186°, 44%, 71%
XYZ	28.2463, 35.5097, 48.5453
YIQ	151.3840, -45.4800, -12.7760

Conversions

Conversions Part 2

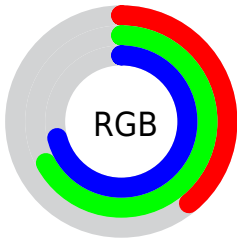
Format	Color
RYB	100, 138, 180
Decimal	6597812
CIELab	66.14, -20.40, -11.16
CIElCh	66, 23.256, 208.684
Yxy	35.5097, 0.2515, 0.3162
Android (android.graphics.Color)	4284787892 (0xFF64ACB4)
YUV	151.3840, 14.1077, -45.0638
Hunter-Lab	59.5900, -19.6716, -6.5880

Details

The Hex color **64ACB4** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B46C64**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **9BE4EC**, and **2C777F** is the 20% darker color. If you saturate the color by 10%, you get **52AAB4**, and if you desaturate by 10%, it is **76AEB4**.

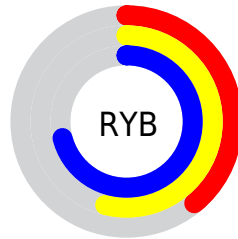
Distribution



Red (39%)

Green (67%)

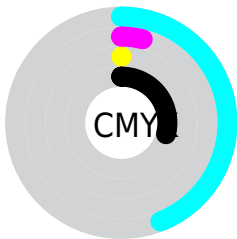
Blue (71%)



Red (39%)

Yellow (54%)

Blue (71%)

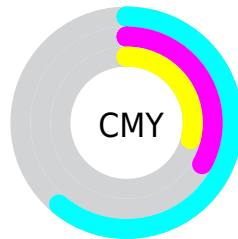


Cyan (44%)

Magenta (4%)

Yellow (0%)

Black (29%)



Cyan (61%)

Magenta (33%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64ACB4 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 64ACB4 by changing the saturation by 10% instead.

 64ACB4

 64ACB4

FFFFFF

 489199

 9BE4EC

 2C777F

 B7FFFF

 025F66

 D4FFFF

 00474E

 F1FFFF

 003037

 001D22

 00000B

 000000

 64ACB4

 64ACB4

52AAB4

76AEB4

40A8B4

88B0B4

2EA7B4

9AB1B4

1CA5B4

ACB3B4

0AA3B4

BEB5B4

00A2B4

D0B7B4

E2B9B4

F4BAB4

FFBCB4

Harmonies

Analogous

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



6EAD9F



64ACB4



6DA9C4

Triad

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



64ACB4



BB95B7



B19F77

Complementary

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



64ACB4



B46C64

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.



C2987E



64ACB4



C992A2

Square

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



64ACB4



A39CC5



CB938E



9BA67C

Rectangle

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



64ACB4



7DA5C9



CB938E



B89D78

Sweetspot

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



64ACB4



CCE8EB



64B46C



637375



F5F5F5



757575

Same Dimension

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



64ACB4



6EDEEB



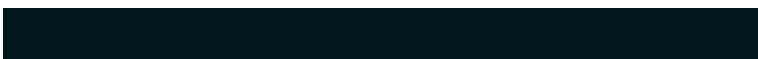
6484B4



505859



008A99



00171A

Inverse Universe

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



B464AC



EB6EDE



B49464



595058



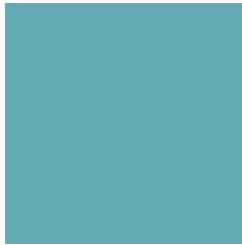
99008A



1A0017

Previews

White Background



This preview shows how the Hex color 64ACB4 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 64ACB4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

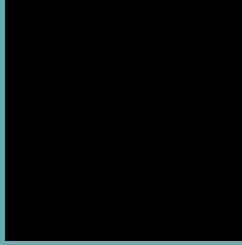
Any Text WCAG AA ✓ Pass

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 64ACB4 Background



This preview shows how black text looks on a background with the Hex color 64ACB4.

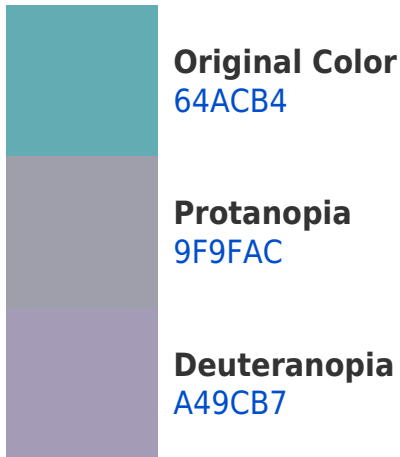


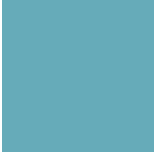
This preview shows how white text looks on a background with the Hex color 64ACB4.

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](#).

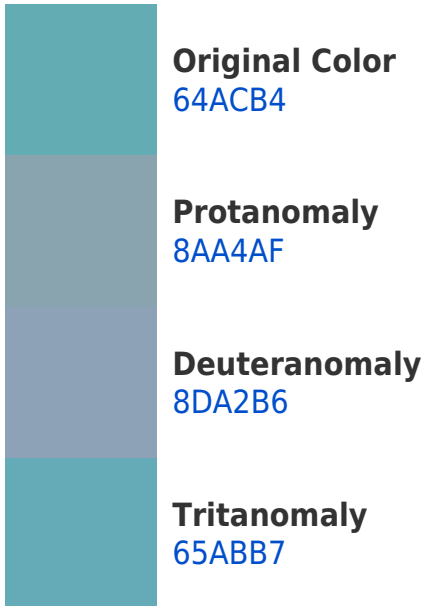
Dichromacy



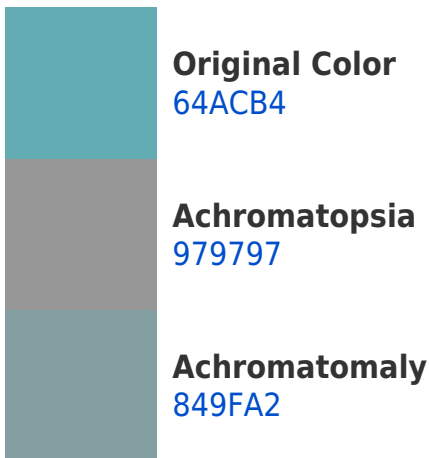


Tritanopia
66ABB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 64ACB4 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 #64ACB4 looks like.

```
.text, #text, p{  
    color:#64ACB4  
}
```

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 #64ACB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64ACB4
}
```

Border

The CSS property to change the border of an element to Hex 64ACB4 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
#64ACB4 }
```

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

```
.border{ border-color:#64ACB4 }
```

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

Here you see how a box with a 4 pixel #64ACB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64ACB4; -webkit-box-shadow:4px 4px  
4px 4px #64ACB4; box-shadow:4px 4px 4px  
4px #64ACB4 }
```

Background

The CSS property to change the background color of an element to Hex 64ACB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64ACB4 }
```

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

```
.background{ background-color:#64ACB4 }
```

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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