

Converting Colors

Hex(65B0C6)

Have a look what the booklet for
Hex(65B0C6) contains.

Hex(65B0C6)	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(65B0C6)

Conversions

Conversions Part 1

Format	Color
Hex	65B0C6
RGB	101, 176, 198
RGB Percent	40%, 69%, 78%
CMY	0.6039, 0.3098, 0.2235
CMYK	0.49, 0.11, 0.00, 0.22
HSL	194°, 46%, 59%
HSV	194°, 49%, 78%
XYZ	31.0852, 37.8946, 59.1021
YIQ	156.0830, -51.7620, -9.0580

Conversions

Conversions Part 2

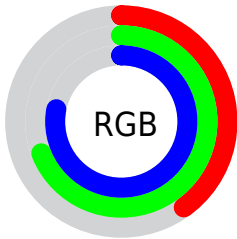
Format	Color
RYB	101, 143, 198
Decimal	6664390
CIELab	67.94, -17.33, -18.42
CIElCh	68, 25.292, 226.736
Yxy	37.8946, 0.2427, 0.2959
Android (android.graphics.Color)	4284854470 (0xFF65B0C6)
YUV	156.0830, 20.6651, -48.3078
Hunter-Lab	61.5586, -17.5905, -13.8330

Details

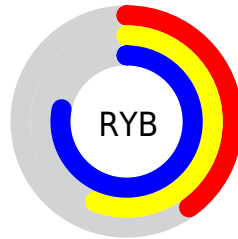
The Hex color **65B0C6** is a light color, and the websafe version is hex **669999**. A complement of this color would be **C67B65**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **9DE8FF**, and **297B90** is the 20% darker color. If you saturate the color by 10%, you get **51ACC6**, and if you desaturate by 10%, it is **79B4C6**.

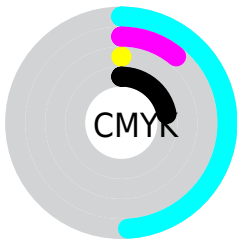
Distribution



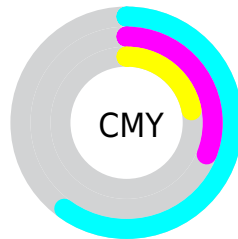
- Red (40%)
- Green (69%)
- Blue (78%)



- Red (40%)
- Yellow (56%)
- Blue (78%)



- Cyan (49%)
- Magenta (11%)
- Yellow (0%)
- Black (22%)



- Cyan (60%)
- Magenta (31%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65B0C6 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 65B0C6 by changing the saturation by 10% instead.

■ 65B0C6

■ 65B0C6

FFFFFF

■ 4895AB

■ 9DE8FF

■ 297B90

■ BAFFFF

■ 006276

■ D7FFFF

■ 004A5E

■ F4FFFF

■ 003446

■ 001F30

■ 00011B

■ 000000

■ 65B0C6

■ 65B0C6

51ACC6

79B4C6

3DA7C6

8DB9C6

2AA3C6

A0BDC6

169EC6

B4C2C6

029AC6

C8C6C6

0099C6

DCCBC6

F0CFC6

FFD4C6

FFD8C6

Harmonies

Analogous

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



64B2B2



65B0C6



7CABD1

Triad

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



65B0C6



CD96B1



A9A87A

Complementary

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



65B0C6



C67B65

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.



C0A17A



65B0C6



D49599

Square

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



65B0C6



B99BC5



CF9985



8FAE86

Rectangle

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



65B0C6



91A6D3



CF9985



B1A678

Sweetspot

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



65B0C6



D9F6FF



65C67A



697A80



000000



808080

Same Dimension

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



65B0C6



69DDFF



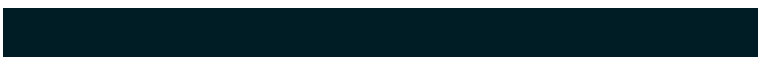
6580C6



5A6163



007EA3



001C24

Inverse Universe

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



C665B0



FF69DD



C6AB65



635A61



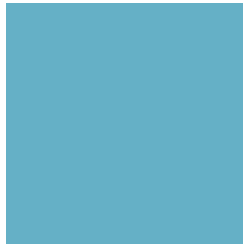
A3007E



24001C

Previews

White Background



This preview shows how the Hex color 65B0C6 looks on a white background.

Color Contrast Check

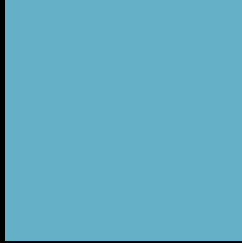
Large Text (above 18pt) WCAG AA × Fail

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 65B0C6 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 65B0C6 Background



This preview shows how black text looks on a background with the Hex color 65B0C6.

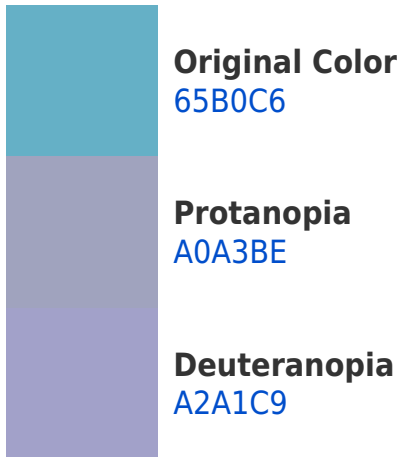


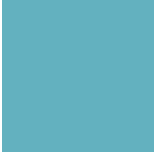
This preview shows how white text looks on a background with the Hex color 65B0C6.

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](#).

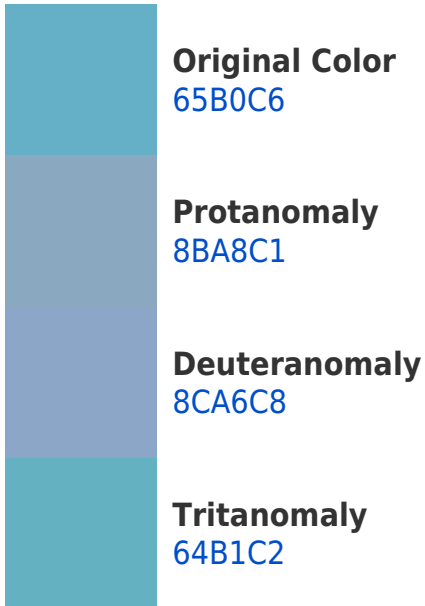
Dichromacy



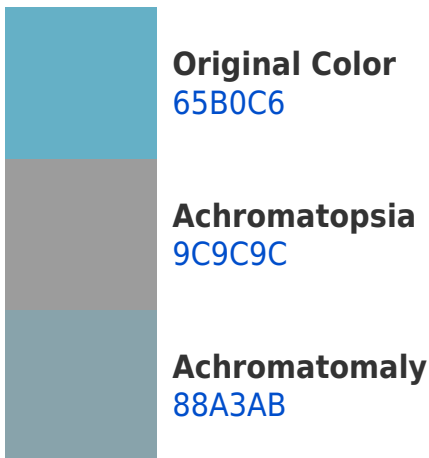


Tritanopia
63B1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 65B0C6 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 #65B0C6 looks like.

```
.text, #text, p{  
    color:#65B0C6  
}
```

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 #65B0C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65B0C6
}
```

Border

The CSS property to change the border of an element to Hex 65B0C6 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
#65B0C6 }
```

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

```
.border{ border-color:#65B0C6 }
```

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

Here you see how a box with a 4 pixel #65B0C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65B0C6; -webkit-box-shadow:4px 4px  
4px 4px #65B0C6; box-shadow:4px 4px 4px  
4px #65B0C6 }
```

Background

The CSS property to change the background color of an element to Hex 65B0C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65B0C6 }
```

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

```
.background{ background-color:#65B0C6 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor