

Converting Colors

Hex(65ACB9)

Have a look what the booklet for
Hex(65ACB9) contains.

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Color

Hex(65ACB9)

Conversions

Conversions Part 1

Format	Color
Hex	65ACB9
RGB	101, 172, 185
RGB Percent	40%, 67%, 73%
CMY	0.6039, 0.3255, 0.2745
CMYK	0.45, 0.07, 0.00, 0.27
HSL	189°, 38%, 56%
HSV	189°, 45%, 73%
XYZ	28.8763, 35.7745, 51.2822
YIQ	152.2530, -46.4890, -11.0090

Conversions

Conversions Part 2

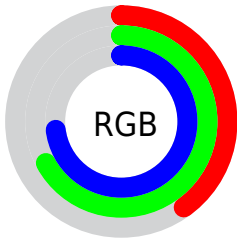
Format	Color
RYB	101, 139, 185
Decimal	6663353
CIELab	66.35, -18.82, -13.63
CIELCh	66, 23.235, 215.917
Yxy	35.7745, 0.2491, 0.3086
Android (android.graphics.Color)	4284853433 (0xFF65ACB9)
YUV	152.2530, 16.1443, -44.9489
Hunter-Lab	59.8118, -18.4934, -8.9665

Details

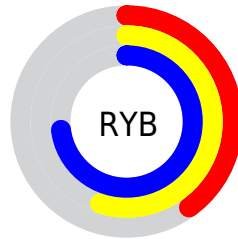
The Hex color **65ACB9** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B97265**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **9CE4F1**, and **2C7884** is the 20% darker color. If you saturate the color by 10%, you get **52A9B9**, and if you desaturate by 10%, it is **77AFB9**.

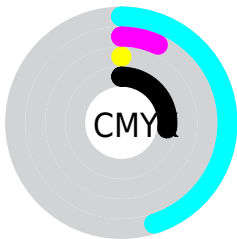
Distribution



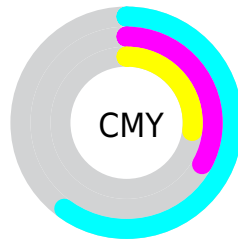
- Red (40%)
- Green (67%)
- Blue (73%)



- Red (40%)
- Yellow (55%)
- Blue (73%)



- Cyan (45%)
- Magenta (7%)
- Yellow (0%)
- Black (27%)



- Cyan (60%)
- Magenta (33%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65ACB9 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 65ACB9 by changing the saturation by 10% instead.

65ACB9

65ACB9

FFFFFF

49919E

9CE4F1

2C7884

B9FFFF

025F6B

D5FFFF

004753

F3FFFF

00303B

001D26

000111

000000

65ACB9

65ACB9

■ 52A9B9

■ 77AFB9

■ 40A6B9

■ 8AB2B9

■ 2DA3B9

■ 9CB5B9

■ 1BA1B9

■ AFB7B9

■ 089EB9

■ C2BAB9

■ 009CB9

■ D4BDB9

■ E6C0B9

■ F9C3B9

■ FFC6B9

Harmonies

Analogous

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



6BADA5



65ACB9



73A8C7

Triad

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



65ACB9



C095B3



ADA178

Complementary

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



65ACB9



B97265

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.



BF9A7C



65ACB9



CB929E

Square

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



65ACB9



AA9BC3



CA948A



96A77F

Rectangle

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



65ACB9



84A4CA



CA948A



B49F78

Sweetspot

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



65ACB9



CEEBF0



65B972



637578



F7F7F7



787878

Same Dimension

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



65ACB9



6EDCF0



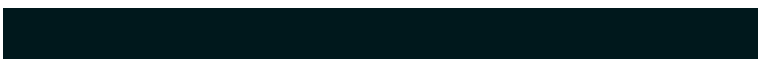
6582B9



535A5C



00839C



00181C

Inverse Universe

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



B965AC



F06EDC



B99C65



5C535A



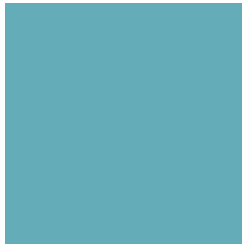
9C0083



1C0018

Previews

White Background



This preview shows how the Hex color 65ACB9 looks on a white background.

Color Contrast Check

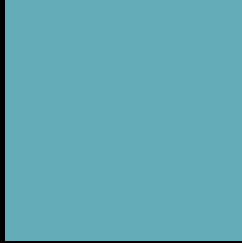
Large Text (above 18pt) WCAG AA × Fail

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 65ACB9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

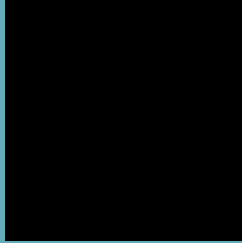
Any Text WCAG AA ✓ Pass

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 65ACB9 Background



This preview shows how black text looks on a background with the Hex color 65ACB9.

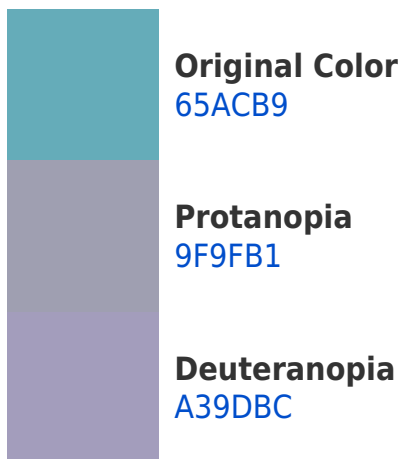


This preview shows how white text looks on a background with the Hex color 65ACB9.

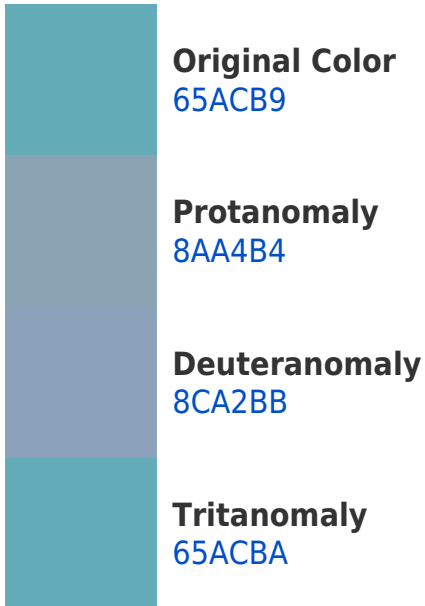
Color Blindness Simulation

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](#).

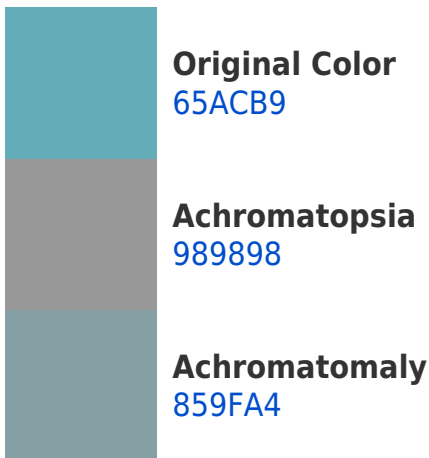
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 65ACB9 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 #65ACB9 looks like.

```
.text, #text, p{  
    color:#65ACB9  
}
```

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 #65ACB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65ACB9
}
```

Border

The CSS property to change the border of an element to Hex 65ACB9 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
#65ACB9 }
```

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

```
.border{ border-color:#65ACB9 }
```

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

Here you see how a box with a 4 pixel #65ACB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65ACB9; -webkit-box-shadow:4px 4px  
4px 4px #65ACB9; box-shadow:4px 4px 4px  
4px #65ACB9 }
```

Background

The CSS property to change the background color of an element to Hex 65ACB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65ACB9 }
```

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

```
.background{ background-color:#65ACB9 }
```

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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