

# Converting Colors

Hex(6ACBB3)

Have a look what the booklet for  
Hex(6ACBB3) contains.

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# **Color**

**Hex(6ACBB3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6ACBB3
RGB	106, 203, 179
RGB Percent	42%, 80%, 70%
CMY	0.5843, 0.2039, 0.2980
CMYK	0.48, 0.00, 0.12, 0.20
HSL	165°, 48%, 61%
HSV	165°, 48%, 80%
XYZ	35.4365, 49.0307, 50.2440
YIQ	171.2610, -50.1080, -28.0280

# Conversions

## Conversions Part 2

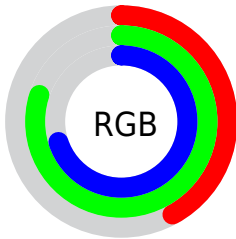
<b>Format</b>	<b>Color</b>
<b>RYB</b>	106, 161, 203
Decimal	6998963
CIELab	75.47, -34.40, 3.16
CIELCh	75, 34.548, 174.757
Yxy	49.0307, 0.2631, 0.3640
Android (android.graphics.Color)	4285189043 (0xFF6ACBB3)
YUV	171.2610, 3.8153, -57.2339
Hunter-Lab	70.0219, -32.2037, 6.4720

# Details

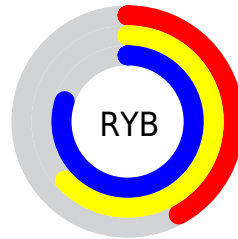
The Hex color **6ACBB3** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CB6A82**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **A3FFEB**, and **2F947E** is the 20% darker color. If you saturate the color by 10%, you get **56CBAE**, and if you desaturate by 10%, it is **7ECBB8**.

# Distribution



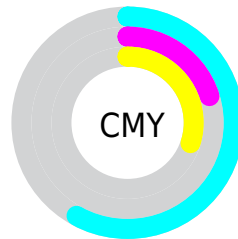
- Red (42%)
- Green (80%)
- Blue (70%)



- Red (42%)
- Yellow (63%)
- Blue (80%)



- Cyan (48%)
- Magenta (0%)
- Yellow (12%)
- Black (20%)



- Cyan (58%)
- Magenta (20%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6ACBB3 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 6ACBB3 by changing the saturation by 10% instead.





6ACBB3



6ACBB3

FFFFFF



4DAF98



A3FFEB



2F947E



BFFFFFF



007A65



DDFFFF



00614D



FAFFFF



004837



003121



001C0B



000000



6ACBB3



6ACBB3

 56CBAE

 7ECBB8

 41CBA9

 93CBBE

 2DCBA4

 A7CBC2

 19CB9F

 BBCBC7

 05CB9A

 D0CBCC

 00CB99

 E4CBD1

 F8CBD6

 FFCBDB

 FFCBE0

# Harmonies

## Analogous

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



90C794



6ACBB3



4FCBD3

# Triad

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



6ACBB3



B6B4F4



EDAB87

# Complementary

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



6ACBB3



CB6A82

# 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.



F9A3A1



6ACBB3



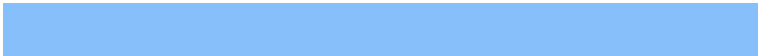
DDA9DF

# Square

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



6ACBB3



86BFF9



F4A2C1



D5B67A

# Rectangle

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



6ACBB3



51C9E6



F4A2C1



F3A88E

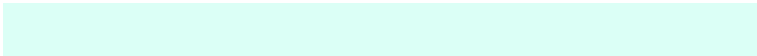


# Sweetspot

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



6ACBB3



DBFFF6



82CB6A



6A807A



000000



808080



# Same Dimension

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



6ACBB3



6EFFDB



6AB3CB



5C6663



00A67D



00261D



# Inverse Universe

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



CB6A82



FF6E92



CB826A



665C5E



A60029

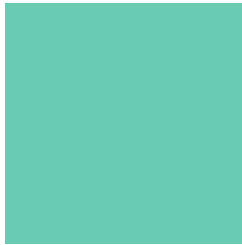


260009



# Previews

## White Background



This preview shows how the Hex color 6ACBB3 looks on a white background.

## Color Contrast Check

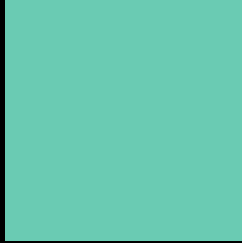
Large Text (above 18pt) WCAG AA × Fail

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 6ACBB3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

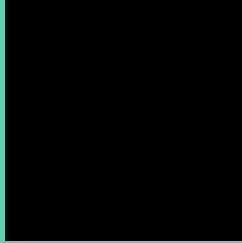
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

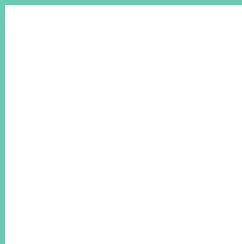
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6ACBB3 Background



This preview shows how black text looks on a background with the Hex color 6ACBB3.

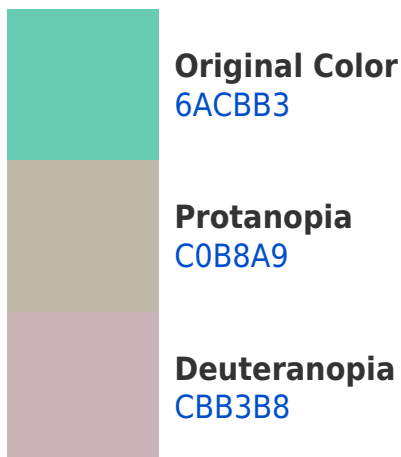


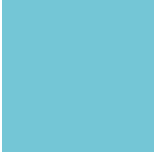
This preview shows how white text looks on a background with the Hex color 6ACBB3.

# 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](#).

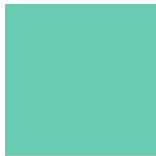
## Dichromacy





**Tritanopia**  
74C6D6

# Trichromacy



**Original Color**  
6ACBB3



**Protanomaly**  
A1BFAD



**Deuteranomaly**  
A8BCB6

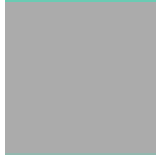


**Tritanomaly**  
70C8C9

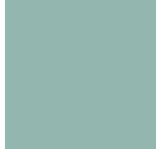
# Monochromacy



**Original Color**  
6ACBB3



**Achromatopsia**  
ABABAB



**Achromatomaly**  
93B7AE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6ACBB3 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 #6ACBB3 looks like.

```
.text, #text, p{  
    color:#6ACBB3  
}
```

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 #6ACBB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6ACBB3  
}
```

## Border

The CSS property to change the border of an element to Hex 6ACBB3 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  
#6ACBB3 }
```

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

```
.border{ border-color:#6ACBB3 }
```

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

Here you see how a box with a 4 pixel #6ACBB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6ACBB3; -webkit-box-shadow:4px 4px  
4px 4px #6ACBB3; box-shadow:4px 4px 4px  
4px #6ACBB3 }
```

# Background

The CSS property to change the background color of an element to Hex 6ACBB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6ACBB3 }
```

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

```
.background{ background-color:#6ACBB3 }
```

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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