

Converting Colors

Hex(6BBAC9)

Have a look what the booklet for
Hex(6BBAC9) contains.

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Color

Hex(6BBAC9)

Conversions

Conversions Part 1

Format	Color
Hex	6BBAC9
RGB	107, 186, 201
RGB Percent	42%, 73%, 79%
CMY	0.5804, 0.2706, 0.2118
CMYK	0.47, 0.07, 0.00, 0.21
HSL	190°, 47%, 60%
HSV	190°, 47%, 79%
XYZ	34.1649, 42.4607, 61.6534
YIQ	164.0890, -51.8990, -12.0830

Conversions

Conversions Part 2

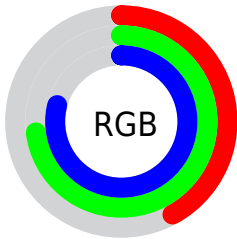
Format	Color
RYB	107, 150, 201
Decimal	7060169
CIELab	71.19, -20.30, -15.14
CIELCh	71, 25.322, 216.714
Yxy	42.4607, 0.2471, 0.3071
Android (android.graphics.Color)	4285250249 (0xFF6BBAC9)
YUV	164.0890, 18.1971, -50.0671
Hunter-Lab	65.1618, -20.4441, -10.4844

Details

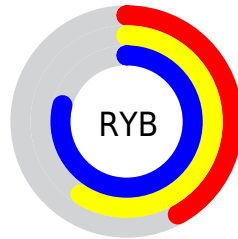
The Hex color **6BBAC9** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C97A6B**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **A3F2FF**, and **308593** is the 20% darker color. If you saturate the color by 10%, you get **57B7C9**, and if you desaturate by 10%, it is **7FBDC9**.

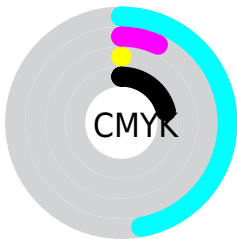
Distribution



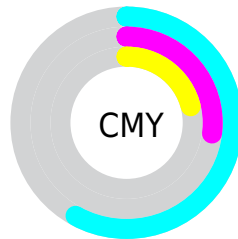
- Red (42%)
- Green (73%)
- Blue (79%)



- Red (42%)
- Yellow (59%)
- Blue (79%)



- Cyan (47%)
- Magenta (7%)
- Yellow (0%)
- Black (21%)



- Cyan (58%)
- Magenta (27%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BBAC9 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 6BBAC9 by changing the saturation by 10% instead.

 6BBAC9

 6BBAC9

FFFFFF

 4F9FAE

 A3F2FF

 308593

 C0FFFF

 046B79

 DDFFFF

 005360

 FBFFFF

 003B49

 002532

 000A1E

 000000

 6BBAC9

 6BBAC9

■ 57B7C9

■ 7FBDC9

■ 43B4C9

■ 93C0C9

■ 2FB0C9

■ A7C4C9

■ 1BADC9

■ BBC7C9

■ 06AAC9

■ D0CAC9

■ 00A9C9

■ E4CDC9

■ F8D0C9

■ FFD4C9

■ FFD7C9

Harmonies

Analogous

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



71BBB3



6BBAC9



7BB6D8

Triad

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



6BBAC9



D0A0C1



BAAE80

Complementary

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



6BBAC9



C97A6B

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.



CFA785



6BBAC9



DC9EAA

Square

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



6BBAC9



B9A7D3



DBA094



A1B589

Rectangle

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



6BBAC9



8EB1DC



DBA094



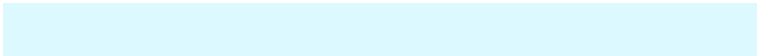
C2AC80

Sweetspot

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



6BBAC9



DBF9FF



6BC979



6A7C80



000000



808080

Same Dimension

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



6BBAC9



70E8FF



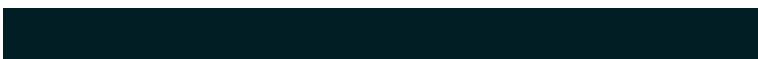
6B8CC9



5A6263



0089A3



001E24

Inverse Universe

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



C96BBA



FF70E8



C9A86B



635A62



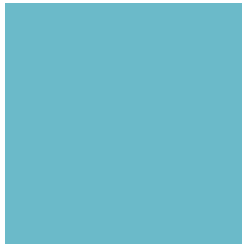
A30089



24001E

Previews

White Background



This preview shows how the Hex color 6BBAC9 looks on a white background.

Color Contrast Check

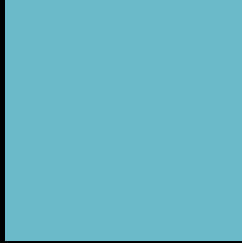
Large Text (above 18pt) WCAG AA × Fail

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 6BBAC9 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 6BBAC9 Background



This preview shows how black text looks on a background with the Hex color 6BBAC9.

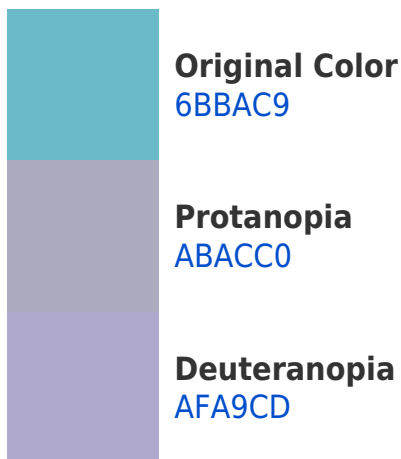


This preview shows how white text looks on a background with the Hex color 6BBAC9.

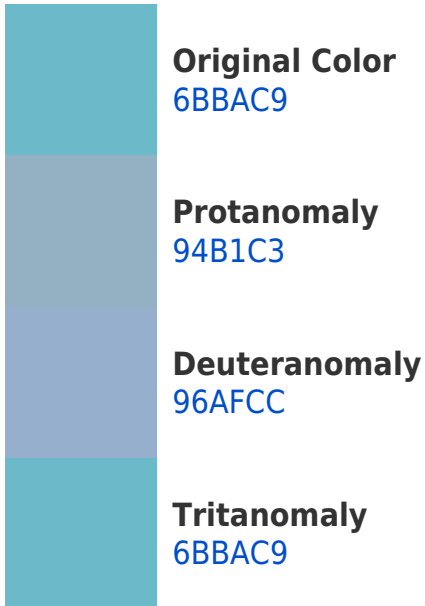
Color Blindness Simulation

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](#).

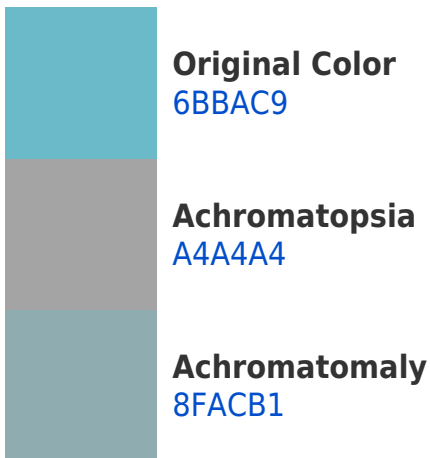
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BBAC9 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 #6BBAC9 looks like.

```
.text, #text, p{  
    color:#6BBAC9  
}
```

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 #6BBAC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BBAC9
}
```

Border

The CSS property to change the border of an element to Hex 6BBAC9 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
#6BBAC9 }
```

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

```
.border{ border-color:#6BBAC9 }
```

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

Here you see how a box with a 4 pixel #6BBAC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BBAC9; -webkit-box-shadow:4px 4px  
4px 4px #6BBAC9; box-shadow:4px 4px 4px  
4px #6BBAC9 }
```

Background

The CSS property to change the background color of an element to Hex 6BBAC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BBAC9 }
```

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

```
.background{ background-color:#6BBAC9 }
```

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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