

Converting Colors

Hex(6BAACB)

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

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Color

Hex(6BAACB)

Conversions

Conversions Part 1

Format	Color
Hex	6BAACB
RGB	107, 170, 203
RGB Percent	42%, 67%, 80%
CMY	0.5804, 0.3333, 0.2039
CMYK	0.47, 0.16, 0.00, 0.20
HSL	201°, 48%, 61%
HSV	201°, 47%, 80%
XYZ	31.2176, 36.1870, 61.8394
YIQ	154.9250, -48.1410, -3.0930

Conversions

Conversions Part 2

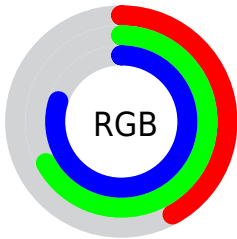
Format	Color
RYB	107, 145, 203
Decimal	7056075
CIELab	66.66, -11.33, -23.11
CIELCh	67, 25.733, 243.884
Yxy	36.1870, 0.2415, 0.2800
Android (android.graphics.Color)	4285246155 (0xFF6BAACB)
YUV	154.9250, 23.7010, -42.0302
Hunter-Lab	60.1557, -12.6403, -18.8405

Details

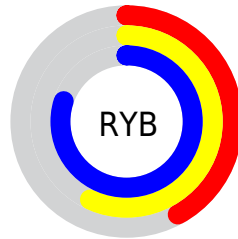
The Hex color **6BAACB** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **CB8C6B**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **A3E1FF**, and **327695** is the 20% darker color. If you saturate the color by 10%, you get **57A3CB**, and if you desaturate by 10%, it is **7FB1CB**.

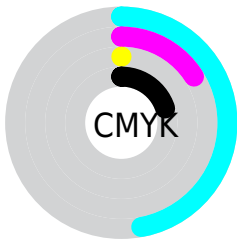
Distribution



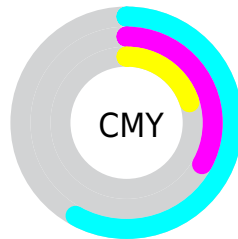
- Red (42%)
- Green (67%)
- Blue (80%)



- Red (42%)
- Yellow (57%)
- Blue (80%)



- Cyan (47%)
- Magenta (16%)
- Yellow (0%)
- Black (20%)



- Cyan (58%)
- Magenta (33%)
- Yellow (20%)

Brightness & Saturation Gradients

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

 6BAACB

 6BAACB

FFFFFF

 4F90B0

 A3E1FF

 327695

 BFFEFF

 0A5D7B

 DCFFFF

 004662

 FAFFFF

 002F4A

 001B33

 00021E

 000000

 6BAACB

 6BAACB

■ 57A3CB

■ 7FB1CB

■ 429CCB

■ 94B8CB

■ 2E95CB

■ A8BFCB

■ 1A8ECB

■ BCC6CB

■ 0687CB

■ D1CDCB

■ 0085CB

■ E5D4CB

■ F9DBC B

■ FFE2CB

■ FFE9CB

Harmonies

Analogous

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



5CAEBB



6BAACB



89A3D0

Triad

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



6BAACB



D091A0



97A97B

Complementary

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



6BAACB



CB8C6B

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.



B0A274



6BAACB



D09389

Square

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



6BAACB



C294B7



C49A79



7CAD8D

Rectangle

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



6BAACB



9F9ECC



C49A79



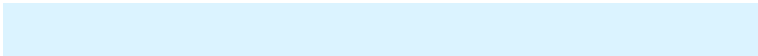
9FA677

Sweetspot

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



6BAACB



DBF3FF



6BCB8B



6A7880



000000



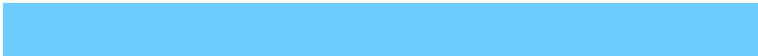
808080

Same Dimension

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



6BAACB



6ECDFF



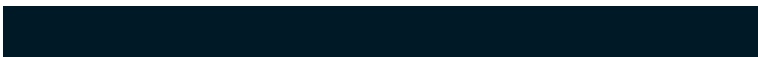
6B7BCB



5C6266



006DA6



001926

Inverse Universe

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



CB6BAA



FF6ECD



CBBB6B



665C62



A6006D



260019

Previews

White Background



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

Color Contrast Check

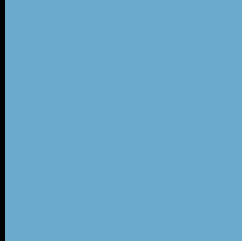
Large Text (above 18pt) WCAG AA × Fail

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 6BAACB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

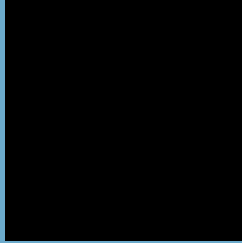
Any Text WCAG AA ✓ Pass

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 6BAACB Background



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

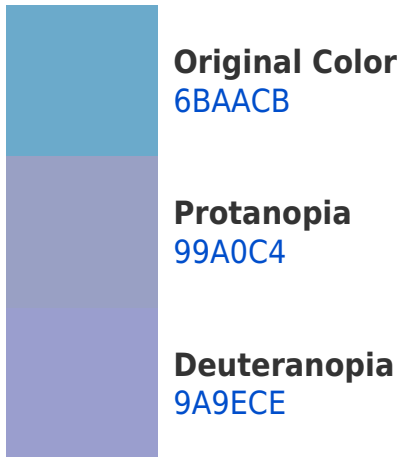


This preview shows how white text looks on a background with the Hex color 6BAACB.

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](#).

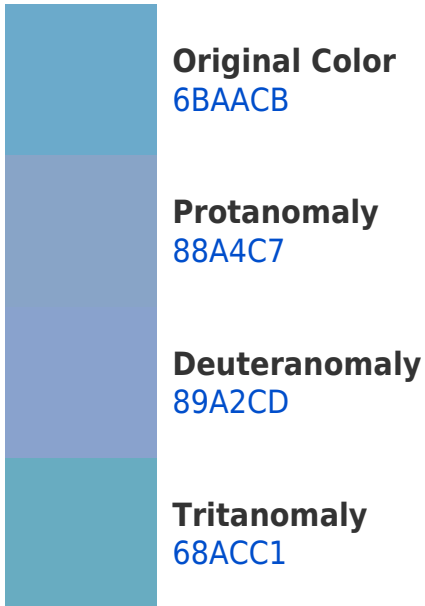
Dichromacy



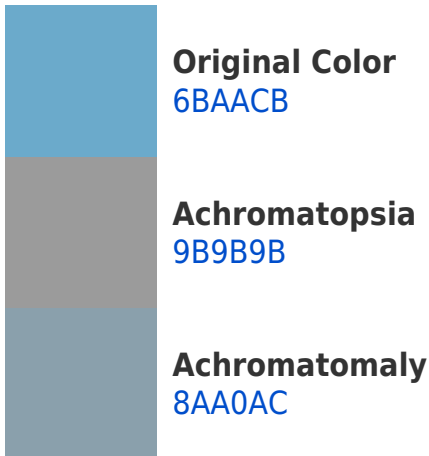


Tritanopia
66ADBB

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #6BAACB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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