

Converting Colors

Hex(6AB8BF)

Have a look what the booklet for
Hex(6AB8BF) contains.

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Color

Hex(6AB8BF)

Conversions

Conversions Part 1

Format	Color
Hex	6AB8BF
RGB	106, 184, 191
RGB Percent	42%, 72%, 75%
CMY	0.5843, 0.2784, 0.2510
CMYK	0.45, 0.04, 0.00, 0.25
HSL	185°, 40%, 58%
HSV	185°, 45%, 75%
XYZ	32.4883, 41.1067, 55.5123
YIQ	161.4760, -48.7350, -14.3590

Conversions

Conversions Part 2

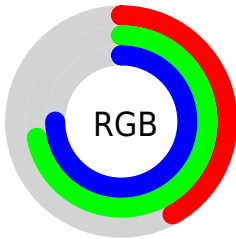
Format	Color
R _Y B	106, 147, 191
Decimal	6994111
CIE Lab	70.25, -22.17, -11.07
CIE LCh	70, 24.782, 206.522
Yxy	41.1067, 0.2516, 0.3184
Android (android.graphics.Color)	4285184191 (0xFF6AB8BF)
YUV	161.4760, 14.5553, -48.6525
Hunter-Lab	64.1145, -21.7504, -6.4549

Details

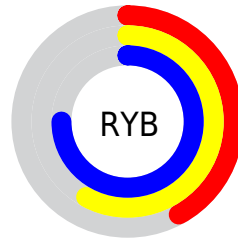
The Hex color **6AB8BF** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **BF716A**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **A2F0F7**, and **31838A** is the 20% darker color. If you saturate the color by 10%, you get **57B6BF**, and if you desaturate by 10%, it is **7DBABF**.

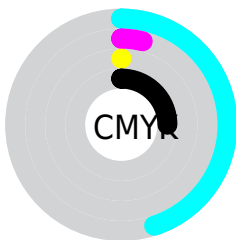
Distribution



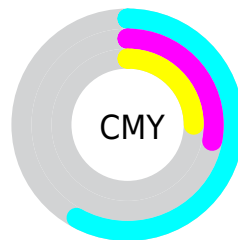
- Red (42%)
- Green (72%)
- Blue (75%)



- Red (42%)
- Yellow (58%)
- Blue (75%)



- Cyan (45%)
- Magenta (4%)
- Yellow (0%)
- Black (25%)



- Cyan (58%)
- Magenta (28%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AB8BF 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 6AB8BF by changing the saturation by 10% instead.

 6AB8BF

 6AB8BF

FFFFFF

 4E9DA4

 A2F0F7

 31838A

 BEFFFF

 086970

 DBFFFF

 005158

 F9FFFF

 003A41

 00242A

 000317

 000000

 6AB8BF

 6AB8BF

57B6BF

7DBABF

44B5BF

90BBBF

31B3BF

A3BDBF

1EB2BF

B6BEBF

0BB0BF

CAC0BF

00AFBF

DDC1BF

F0C3BF

FFC5BF

FFC6BF

Harmonies

Analogous

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



76B8A8



6AB8BF



73B5D1

Triad

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



6AB8BF



C6A0C5



BFA97F

Complementary

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



6AB8BF



BF716A

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.



D1A287



6AB8BF



D69CAF

Square

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



6AB8BF



ACA7D4



DA9D99



A7B083

Rectangle

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



6AB8BF



83B1D7



DA9D99



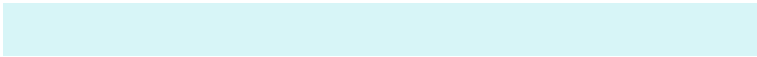
C6A780

Sweetspot

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



6AB8BF



D7F5F7



6ABF70



697B7D



FCFCFC



7D7D7D

Same Dimension

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



6AB8BF



74EDF7



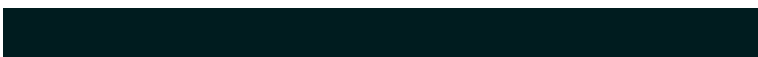
6A8FBF



555E5E



00919E



001C1F

Inverse Universe

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



BF6AB8



F774ED



BF9A6A



5E555E



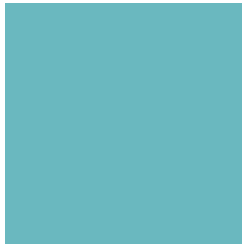
9E0091



1F001C

Previews

White Background



This preview shows how the Hex color 6AB8BF looks on a white background.

Color Contrast Check

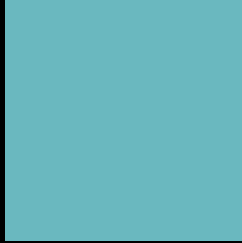
Large Text (above 18pt) WCAG AA × Fail

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 6AB8BF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

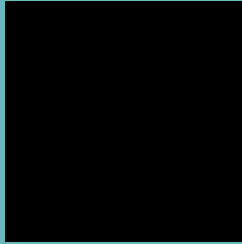
Any Text WCAG AA ✓ Pass

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 6AB8BF Background



This preview shows how black text looks on a background with the Hex color 6AB8BF.

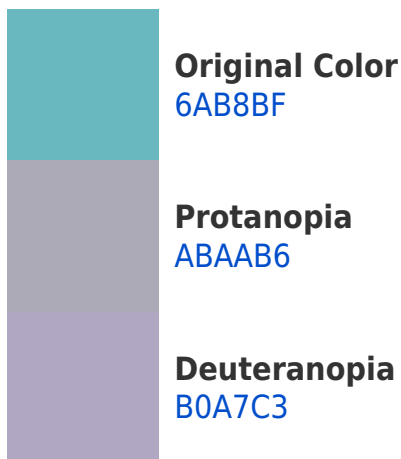


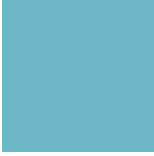
This preview shows how white text looks on a background with the Hex color 6AB8BF.

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



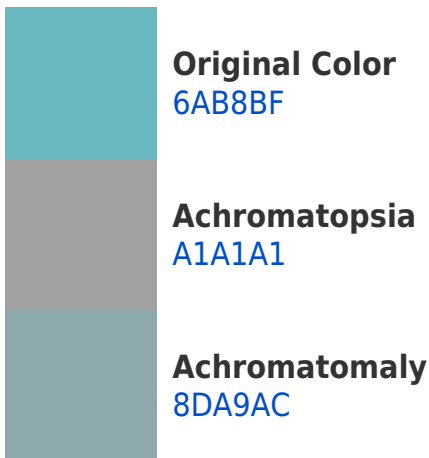


Tritanopia
6CB7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6AB8BF 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 #6AB8BF looks like.

```
.text, #text, p{  
    color:#6AB8BF  
}
```

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 #6AB8BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AB8BF
}
```

Border

The CSS property to change the border of an element to Hex 6AB8BF 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
#6AB8BF }
```

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

```
.border{ border-color:#6AB8BF }
```

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

Here you see how a box with a 4 pixel #6AB8BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AB8BF; -webkit-box-shadow:4px 4px  
4px 4px #6AB8BF; box-shadow:4px 4px 4px  
4px #6AB8BF }
```

Background

The CSS property to change the background color of an element to Hex 6AB8BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AB8BF }
```

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

```
.background{ background-color:#6AB8BF }
```

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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