

# Converting Colors

Hex(6AB0BE)

Have a look what the booklet for  
Hex(6AB0BE) contains.

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**Color**

**Hex(6AB0BE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6AB0BE
RGB	106, 176, 190
RGB Percent	42%, 69%, 75%
CMY	0.5843, 0.3098, 0.2549
CMYK	0.44, 0.07, 0.00, 0.25
HSL	190°, 39%, 58%
HSV	190°, 44%, 75%
XYZ	30.7635, 37.8325, 54.3962
YIQ	156.6660, -46.2140, -10.4860

# Conversions

## Conversions Part 2

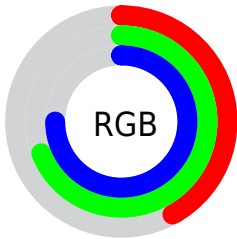
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">106, 144, 190</a>
Decimal	<a href="#">6992062</a>
CIELab	<a href="#">67.90, -18.33, -14.05</a>
CIElCh	<a href="#">68, 23.092, 217.464</a>
Yxy	<a href="#">37.8325, 0.2501, 0.3076</a>
Android (android.graphics.Color)	<a href="#">4285182142 (0xFF6AB0BE)</a>
YUV	<a href="#">156.6660, 16.4337, -44.4341</a>
Hunter-Lab	<a href="#">61.5082, -18.3621, -9.3788</a>

# Details

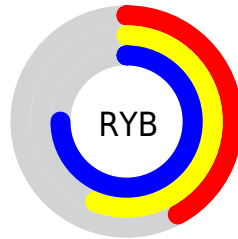
The Hex color **6AB0BE** is a light color, and the websafe version is hex **669999**. A complement of this color would be **BE786A**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **A1E8F6**, and **327B89** is the 20% darker color. If you saturate the color by 10%, you get **57ADBE**, and if you desaturate by 10%, it is **7DB3BE**.

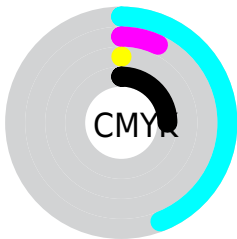
# Distribution



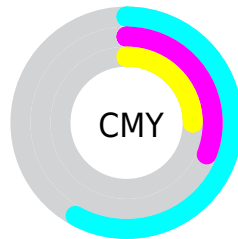
- Red (42%)
- Green (69%)
- Blue (75%)



- Red (42%)
- Yellow (56%)
- Blue (75%)



- Cyan (44%)
- Magenta (7%)
- Yellow (0%)
- Black (25%)



- Cyan (58%)
- Magenta (31%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6AB0BE 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 6AB0BE by changing the saturation by 10% instead.



 6AB0BE

 6AB0BE

FFFFFF

 4E95A3

 A1E8F6

 327B89

 BEFFFF

 0D626F

 DBFFFF

 004A57

 F8FFFF

 003340

 001F2A

 000115

 000000

 6AB0BE

 6AB0BE

■ 57ADB3E

■ 7DB3BE

■ 44AABE

■ 90B6BE

■ 31A6BE

■ A3BABE

■ 1EA3BE

■ B6BDBE

■ 0BA0BE

■ C9C0BE

■ 009EBE

■ DCC3BE

■ EFC6BE

■ FFC9BE

■ FFCDBE

# Harmonies

## Analogous

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



6FB1AA



6AB0BE



79ACCB

# Triad

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



6AB0BE



C599B6



B0A67C

# Complementary

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



6AB0BE



BE786A

# 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.



C39F80



6AB0BE



CF96A1

# Square

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



6AB0BE



AF9EC7



CE998D



99AC84

# Rectangle

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



6AB0BE



8AA8CF



CE998D



B7A37C



# Sweetspot

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



6AB0BE



D7F2F7



6ABE78



697A7D



FCFCFC



7D7D7D



# Same Dimension

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



6AB0BE



74E2F7



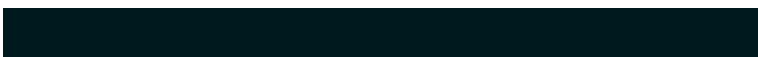
6A86BE



555D5E



00849E



00191F



# Inverse Universe

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



BE6AB0



F774E2



BEA26A



5E555D



9E0084

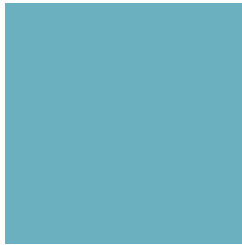


1F001A



# Previews

## White Background



This preview shows how the Hex color 6AB0BE looks on a white background.

## Color Contrast Check

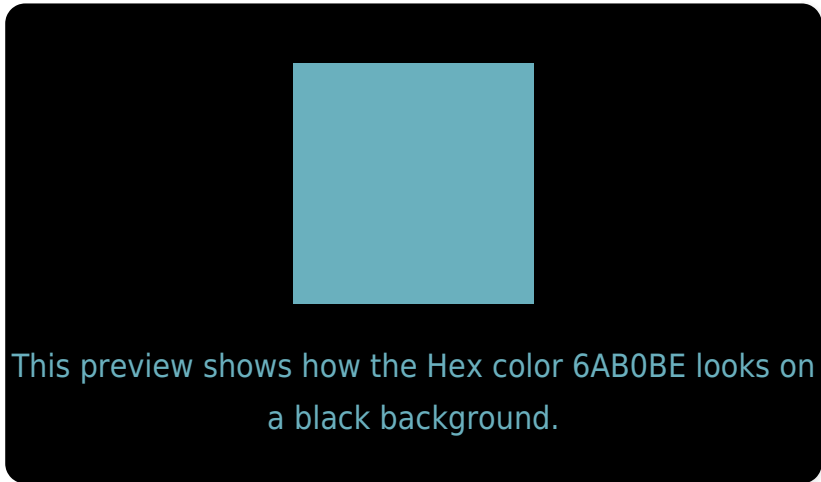
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

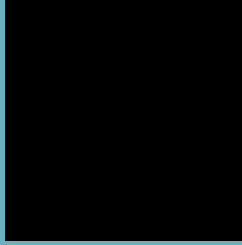
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6AB0BE Background



This preview shows how black text looks on a background with the Hex color 6AB0BE.

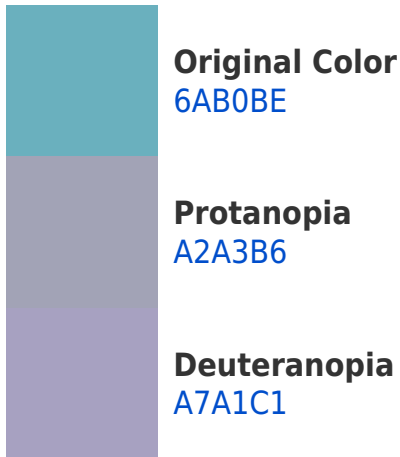


This preview shows how white text looks on a background with the Hex color 6AB0BE.

# Color Blindness Simulation

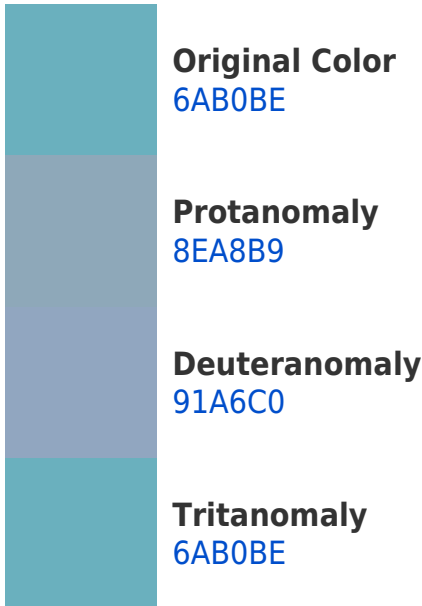
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

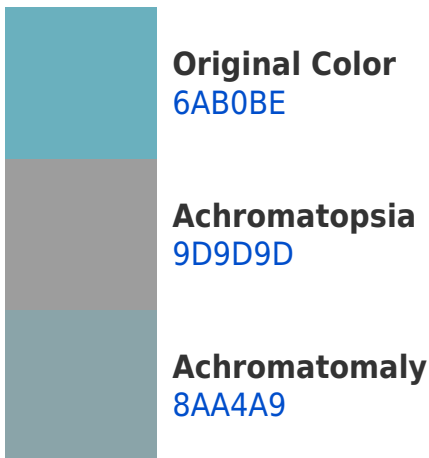




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6AB0BE 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 #6AB0BE looks like.

```
.text, #text, p{  
    color:#6AB0BE  
}
```

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 #6AB0BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AB0BE
}
```

## Border

The CSS property to change the border of an element to Hex 6AB0BE 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
#6AB0BE }
```

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

```
.border{ border-color:#6AB0BE }
```

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

Here you see how a box with a 4 pixel #6AB0BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AB0BE; -webkit-box-shadow:4px 4px  
4px 4px #6AB0BE; box-shadow:4px 4px 4px  
4px #6AB0BE }
```

# Background

The CSS property to change the background color of an element to Hex 6AB0BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AB0BE }
```

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

```
.background{ background-color:#6AB0BE }
```

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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