

# Converting Colors

Hex(6AB7A2)

Have a look what the booklet for  
Hex(6AB7A2) contains.

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**Color**

**Hex(6AB7A2)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 6AB7A2                       |
| RGB         | 106, 183, 162                |
| RGB Percent | 42%, 72%, 64%                |
| CMY         | 0.5843, 0.2824, 0.3647       |
| CMYK        | 0.42, 0.00, 0.11, 0.28       |
| HSL         | 164°, 35%, 57%               |
| HSV         | 164°, 42%, 72%               |
| XYZ         | 29.3989, 39.5398, 40.2649    |
| YIQ         | 157.5830, -39.1510, -22.8550 |

# Conversions

## Conversions Part 2

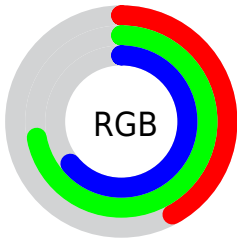
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 106, 151, 183                 |
| Decimal                             | 6993826                       |
| CIELab                              | 69.14, -28.84, 3.24           |
| CIElCh                              | 69, 29.023, 173.593           |
| Yxy                                 | 39.5398, 0.2692,<br>0.3621    |
| Android<br>(android.graphics.Color) | 4285183906<br>(0xFF6AB7A2)    |
| YUV                                 | 157.5830, 2.1776,<br>-45.2383 |
| Hunter-Lab                          | 62.8807, -26.5861,<br>6.0508  |

# Details

The Hex color **6AB7A2** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **B76A7F**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **A1EFD9**, and **34826E** is the 20% darker color. If you saturate the color by 10%, you get **58B79D**, and if you desaturate by 10%, it is **7CB7A7**.

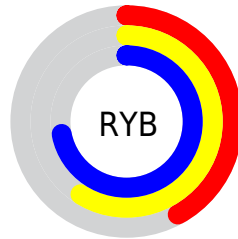
# Distribution



Red (42%)

Green (72%)

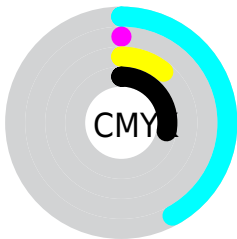
Blue (64%)



Red (42%)

Yellow (59%)

Blue (72%)

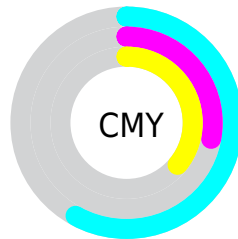


Cyan (42%)

Magenta (0%)

Yellow (11%)

Black (28%)



Cyan (58%)

Magenta (28%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6AB7A2 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 6AB7A2 by changing the saturation by 10% instead.





6AB7A2



6AB7A2

FFFFFF



4F9C88



A1EFD9



34826E



BDFFF5



146856



DAFFFF



00503F



F7FFFF



003829



002315



000000



6AB7A2



6AB7A2



58B79D



7CB7A7

 45B798

 8FB7AC

 33B793

 A1B7B1

 21B78E

 B3B7B6

 0EB789

 C6B7BB

 00B785

 D8B7C0

 EAB7C5

 FCB7CA

 FFB7CF

# Harmonies

## Analogous

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



88B489



6AB7A2



57B7BD

# Triad

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



6AB7A2



A5A4D9



D59C7F

# Complementary

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



6AB7A2



B76A7F

# 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.



DE9695



6AB7A2



C59BC8

# Square

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



6AB7A2



7EADDC



D996B0



C1A575

# Rectangle

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



6AB7A2



58B5CC



D996B0



D99A86

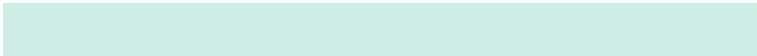


# Sweetspot

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



6AB7A2



CEEDE5



80B76A



657873



F7F7F7



787878



# Same Dimension

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



6AB7A2



77EDCD



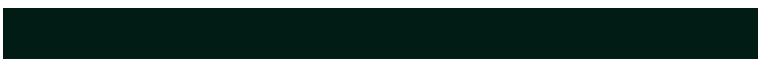
6AA6B7



535C59



009C71



001C14



# Inverse Universe

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



B76A7F



ED7797



B77B6A



5C5355



9C002A

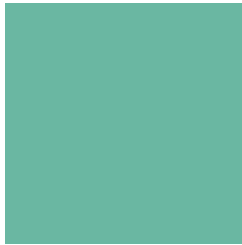


1C0008



# Previews

## White Background



This preview shows how the Hex color 6AB7A2 looks on a white background.

## Color Contrast Check

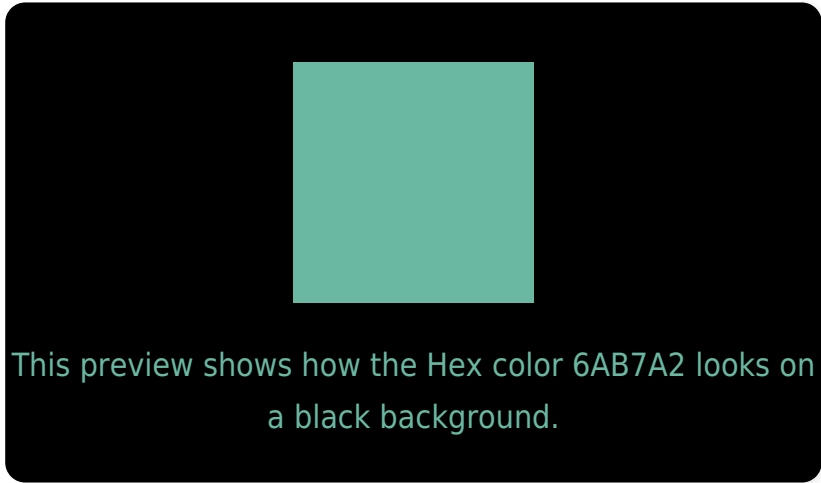
Large Text (above 18pt) WCAG AA × Fail

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

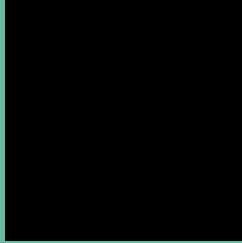
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6AB7A2 Background



This preview shows how black text looks on a background with the Hex color 6AB7A2.

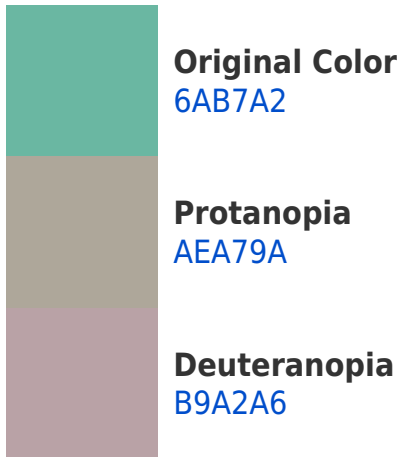


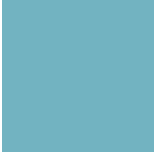
This preview shows how white text looks on a background with the Hex color 6AB7A2.

# 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](#).

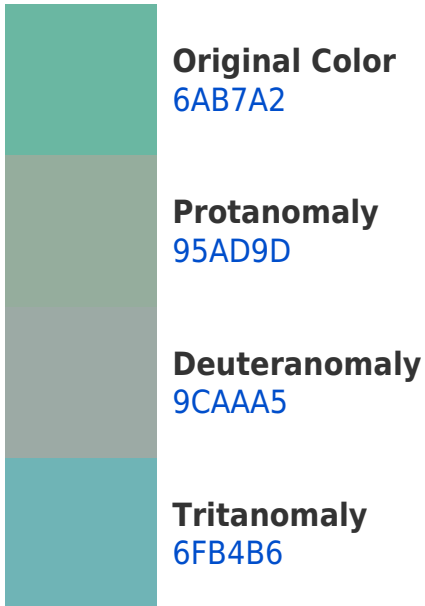
## Dichromacy



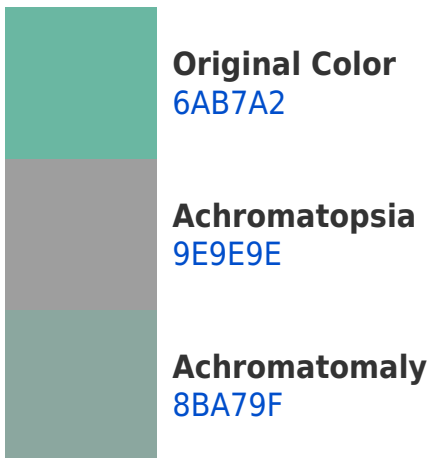


**Tritanopia**  
72B3C1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6AB7A2 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 #6AB7A2 looks like.

```
.text, #text, p{  
    color:#6AB7A2  
}
```

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 #6AB7A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AB7A2  
}
```

## Border

The CSS property to change the border of an element to Hex 6AB7A2 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  
#6AB7A2 }
```

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

```
.border{ border-color:#6AB7A2 }
```

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

Here you see how a box with a 4 pixel #6AB7A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AB7A2; -webkit-box-shadow:4px 4px  
4px 4px #6AB7A2; box-shadow:4px 4px 4px  
4px #6AB7A2 }
```

# Background

The CSS property to change the background color of an element to Hex 6AB7A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AB7A2 }
```

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

```
.background{ background-color:#6AB7A2 }
```

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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