

Converting Colors

Hex(6AB7B2)

Have a look what the booklet for
Hex(6AB7B2) contains.

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Color

Hex(6AB7B2)

Conversions

Conversions Part 1

Format	Color
Hex	6AB7B2
RGB	106, 183, 178
RGB Percent	42%, 72%, 70%
CMY	0.5843, 0.2824, 0.3020
CMYK	0.42, 0.00, 0.03, 0.28
HSL	176°, 35%, 57%
HSV	176°, 42%, 72%
XYZ	30.9132, 40.1455, 48.2390
YIQ	159.4070, -44.2870, -17.8790

Conversions

Conversions Part 2

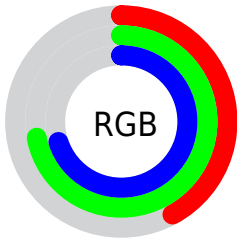
Format	Color
RYB	106, 146, 183
Decimal	6993842
CIELab	69.57, -25.00, -4.93
CIElCh	70, 25.478, 191.151
Yxy	40.1455, 0.2591, 0.3365
Android (android.graphics.Color)	4285183922 (0xFF6AB7B2)
YUV	159.4070, 9.1663, -46.8379
Hunter-Lab	63.3605, -23.7917, -0.7877

Details

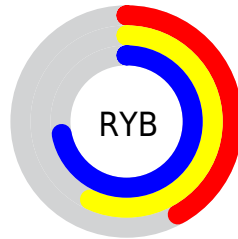
The Hex color **6AB7B2** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **B76A6F**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **A1EFEA**, and **32827D** is the 20% darker color. If you saturate the color by 10%, you get **58B7B1**, and if you desaturate by 10%, it is **7CB7B3**.

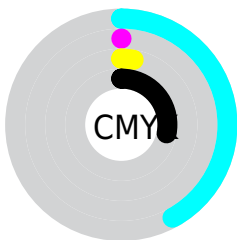
Distribution



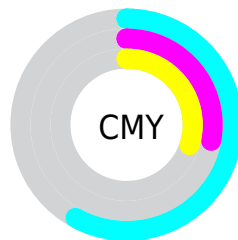
- Red (42%)
- Green (72%)
- Blue (70%)



- Red (42%)
- Yellow (57%)
- Blue (72%)



- Cyan (42%)
- Magenta (0%)
- Yellow (3%)
- Black (28%)



- Cyan (58%)
- Magenta (28%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AB7B2 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 6AB7B2 by changing the saturation by 10% instead.



6AB7B2



6AB7B2

FFFFFF



4F9C97



A1EFEA



32827D



BEFFFF



0F6865



DAFFFF



00504D



F8FFFF



003836



002321



00000A



000000



6AB7B2



6AB7B2

■ 58B7B1

■ 7CB7B3

■ 45B7B0

■ 8FB7B4

■ 33B7AE

■ A1B7B6

■ 21B7AD

■ B3B7B7

■ 0EB7AC

■ C6B7B8

■ 00B7AB

■ D8B7B9

■ EAB7BA

■ FCB7BC

■ FFB7BD

Harmonies

Analogous

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



7EB69A



6AB7B2



67B5C7

Triad

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



6AB7B2



B8A1CD



C8A37F

Complementary

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



6AB7B2



B76A6F

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.



D69D8D



6AB7B2



CF9BB9

Square

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



6AB7B2



9AA9D7



D999A2



B2AB7C

Rectangle

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



6AB7B2



72B2D2



D999A2



CEA182

Sweetspot

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



6AB7B2



CEEDEB



6FB76A



657877



F7F7F7



787878

Same Dimension

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



6AB7B2



77EDE5



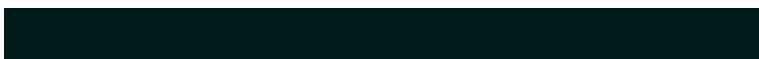
6A96B7



535C5B



009C91



001C1A

Inverse Universe

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



B76A6F



ED777E



B78B6A



5C5353



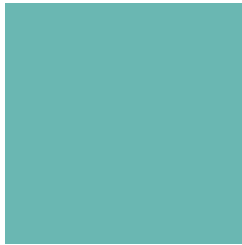
9C000A



1C0002

Previews

White Background



This preview shows how the Hex color 6AB7B2 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 6AB7B2 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 6AB7B2 Background



This preview shows how black text looks on a background with the Hex color 6AB7B2.

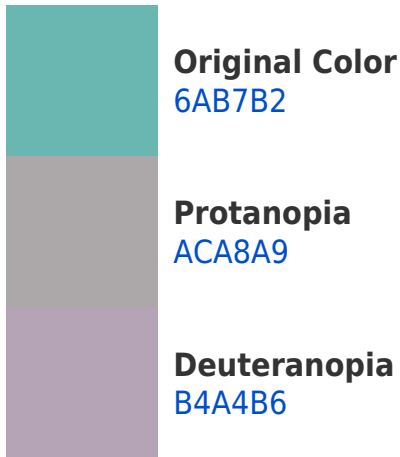


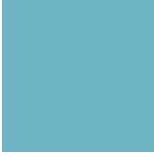
This preview shows how white text looks on a background with the Hex color 6AB7B2.

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](#).

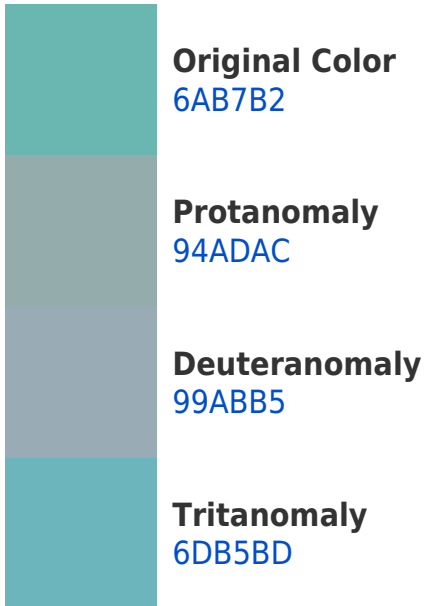
Dichromacy



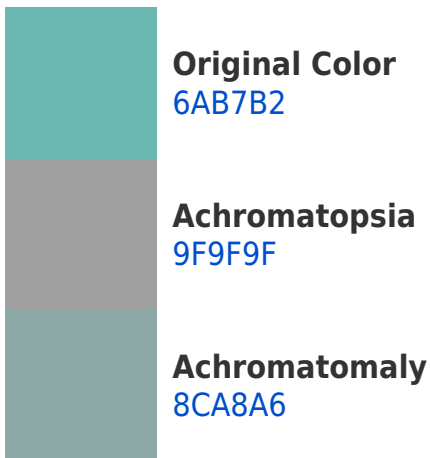


Tritanopia
6FB4C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6AB7B2 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 #6AB7B2 looks like.

```
.text, #text, p{  
    color:#6AB7B2  
}
```

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 #6AB7B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AB7B2
}
```

Border

The CSS property to change the border of an element to Hex 6AB7B2 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
#6AB7B2 }
```

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

```
.border{ border-color:#6AB7B2 }
```

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

Here you see how a box with a 4 pixel #6AB7B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AB7B2; -webkit-box-shadow:4px 4px  
4px 4px #6AB7B2; box-shadow:4px 4px 4px  
4px #6AB7B2 }
```

Background

The CSS property to change the background color of an element to Hex 6AB7B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AB7B2 }
```

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

```
.background{ background-color:#6AB7B2 }
```

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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