

# Converting Colors

Hex(6AB8A5)

Have a look what the booklet for  
Hex(6AB8A5) contains.

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**Color**

**Hex(6AB8A5)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 6AB8A5                       |
| RGB         | 106, 184, 165                |
| RGB Percent | 42%, 72%, 65%                |
| CMY         | 0.5843, 0.2784, 0.3529       |
| CMYK        | 0.42, 0.00, 0.10, 0.28       |
| HSL         | 165°, 35%, 57%               |
| HSV         | 165°, 42%, 72%               |
| XYZ         | 29.8759, 40.0618, 41.7554    |
| YIQ         | 158.5120, -40.3890, -22.4450 |

# Conversions

## Conversions Part 2

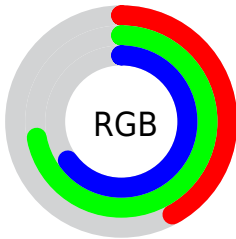
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 106, 150, 184                 |
| Decimal                             | 6994085                       |
| CIE <sub>Lab</sub>                  | 69.51, -28.63, 2.13           |
| CIE <sub>LCh</sub>                  | 70, 28.710, 175.741           |
| Yxy                                 | 40.0618, 0.2675,<br>0.3587    |
| Android<br>(android.graphics.Color) | 4285184165<br>(0xFF6AB8A5)    |
| YUV                                 | 158.5120, 3.1986,<br>-46.0530 |
| Hunter-Lab                          | 63.2944, -26.5105,<br>5.1924  |

# Details

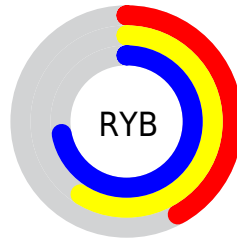
The Hex color **6AB8A5** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **B86A7D**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **A1F0DC**, and **338371** is the 20% darker color. If you saturate the color by 10%, you get **58B8A1**, and if you desaturate by 10%, it is **7CB8A9**.

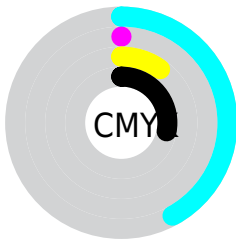
# Distribution



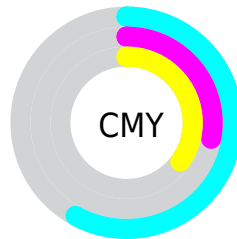
- Red (42%)
- Green (72%)
- Blue (65%)



- Red (42%)
- Yellow (59%)
- Blue (72%)



- Cyan (42%)
- Magenta (0%)
- Yellow (10%)
- Black (28%)



- Cyan (58%)
- Magenta (28%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6AB8A5 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 6AB8A5 by changing the saturation by 10% instead.





6AB8A5



6AB8A5

FFFFFF



4F9D8B



A1F0DC



338371



BDFFF8



126959



DAFFFF



005042



F7FFFF



00392B



002417



000000



6AB8A5



6AB8A5



58B8A1



7CB8A9

 45B89C

 8FB8AE

 33B898

 A1B8B2

 20B893

 B4B8B7

 0EB88F

 C6B8BB

 00B88B

 D8B8C0

 EBB8C4

 FDB8C9

 FFB8CD

# Harmonies

## Analogous

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



87B58C



6AB8A5



58B8BF

# Triad

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



6AB8A5



A9A4D9



D49E80

# Complementary

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



6AB8A5



B86A7D

# 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.



DE9894



6AB8A5



C89CC7

# Square

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



6AB8A5



83ADDD



DA97AF



C0A776

# Rectangle

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



6AB8A5



5CB6CE



DA97AF



D99C86



# Sweetspot

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



6AB8A5



D1F0E8



7EB86A



657873



F7F7F7



787878



# Same Dimension

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



6AB8A5



75F0D2



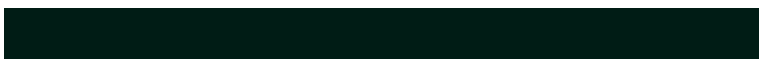
6AA5B8



535C5A



009C76



001C15



# Inverse Universe

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



B86A7D



F07593



B87E6A



5C5355



9C0026

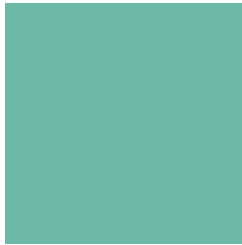


1C0007



# Previews

## White Background



This preview shows how the Hex color 6AB8A5 looks on a white background.

## Color Contrast Check

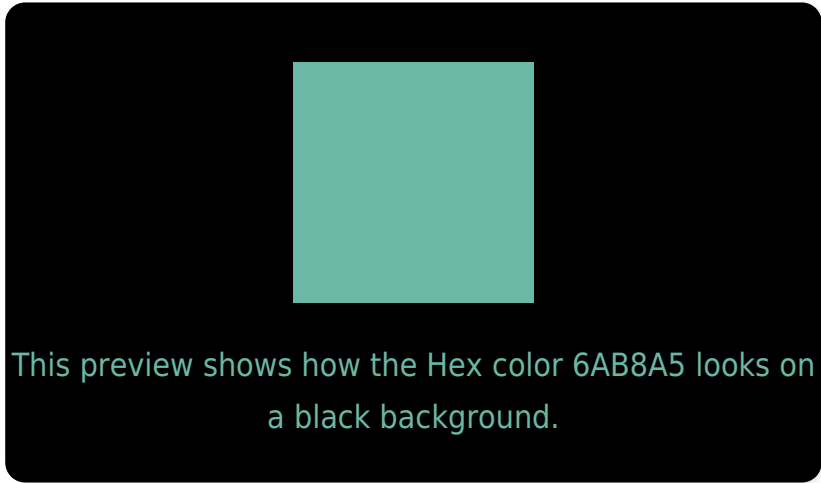
Large Text (above 18pt) WCAG AA × Fail

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

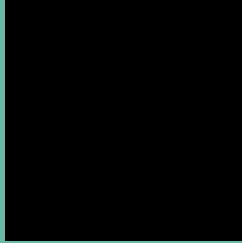
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6AB8A5 Background



This preview shows how black text looks on a background with the Hex color 6AB8A5.

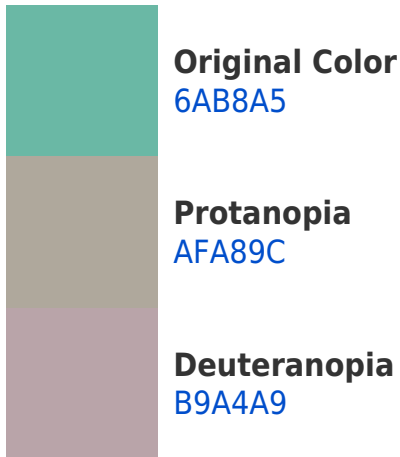


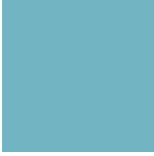
This preview shows how white text looks on a background with the Hex color 6AB8A5.

# 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](#).

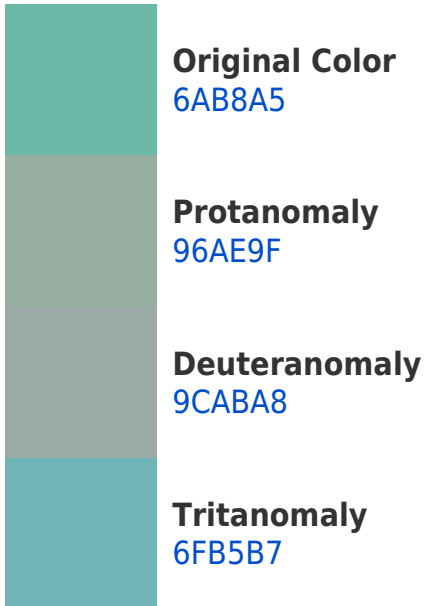
## Dichromacy



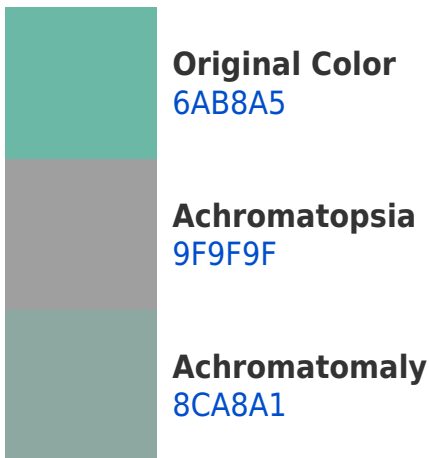


**Tritanopia**  
72B4C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6AB8A5 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 #6AB8A5 looks like.

```
.text, #text, p{  
    color:#6AB8A5  
}
```

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 #6AB8A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AB8A5  
}
```

## Border

The CSS property to change the border of an element to Hex 6AB8A5 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  
#6AB8A5 }
```

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

```
.border{ border-color:#6AB8A5 }
```

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

Here you see how a box with a 4 pixel #6AB8A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AB8A5; -webkit-box-shadow:4px 4px  
4px 4px #6AB8A5; box-shadow:4px 4px 4px  
4px #6AB8A5 }
```

# Background

The CSS property to change the background color of an element to Hex 6AB8A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AB8A5 }
```

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

```
.background{ background-color:#6AB8A5 }
```

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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