

Converting Colors

Hex(65B8AD)

Have a look what the booklet for
Hex(65B8AD) contains.

Hex(65B8AD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(65B8AD)

Conversions

Conversions Part 1

Format	Color
Hex	65B8AD
RGB	101, 184, 173
RGB Percent	40%, 72%, 68%
CMY	0.6039, 0.2784, 0.3216
CMYK	0.45, 0.00, 0.06, 0.28
HSL	172°, 37%, 56%
HSV	172°, 45%, 72%
XYZ	30.0501, 40.0648, 45.6846
YIQ	157.9290, -45.9370, -21.0170

Conversions

Conversions Part 2

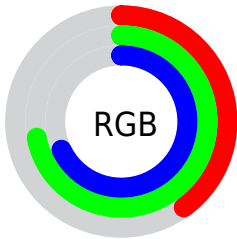
Format	Color
R _{YB}	101, 145, 184
Decimal	6666413
CIE Lab	69.52, -27.98, -2.29
CIE LCh	70, 28.073, 184.671
Yxy	40.0648, 0.2595, 0.3460
Android (android.graphics.Color)	4284856493 (0xFF65B8AD)
YUV	157.9290, 7.4300, -49.9267
Hunter-Lab	63.2968, -26.0265, 1.5150

Details

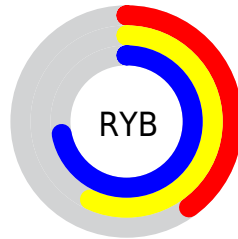
The Hex color **65B8AD** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **B86570**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **9DF0E4**, and **2C8379** is the 20% darker color. If you saturate the color by 10%, you get **53B8AB**, and if you desaturate by 10%, it is **77B8AF**.

Distribution



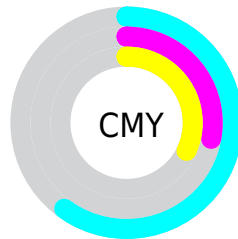
- Red (40%)
- Green (72%)
- Blue (68%)



- Red (40%)
- Yellow (57%)
- Blue (72%)



- Cyan (45%)
- Magenta (0%)
- Yellow (6%)
- Black (28%)



- Cyan (60%)
- Magenta (28%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65B8AD 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 65B8AD by changing the saturation by 10% instead.

 65B8AD

 65B8AD

FFFFFF

 499D92

 9DF0E4

 2C8379

 B9FFFF

 006960

 D6FFFF

 005048

 F3FFFF

 003932

 00241D

 000004

 000000

 65B8AD

 65B8AD

■ 53B8AB

■ 77B8AF

■ 40B8A8

■ 8AB8B2

■ 2EB8A6

■ 9CB8B4

■ 1BB8A3

■ AFB8B7

■ 09B8A1

■ C1B8B9

■ 00B8A0

■ D3B8BC

■ E6B8BE

■ F8B8C1

■ FFB8C3

Harmonies

Analogous

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



7FB693



65B8AD



5BB7C6

Triad

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



65B8AD



B3A2D4



CEA17C

Complementary

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



65B8AD



B86570

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.



DB9A8E



65B8AD



CE9AC0

Square

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



65B8AD



8FABDC



DC97A7



B8A977

Rectangle

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



65B8AD



64B4D2



DC97A7



D49E81

Sweetspot

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



65B8AD



CEF0EB



70B865



637875



F7F7F7



787878

Same Dimension

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



65B8AD



6EF0DF



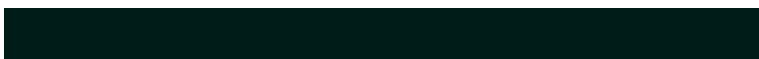
659AB8



535C5B



009C87



001C18

Inverse Universe

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



B86570



F06E7F



B88365



5C5354



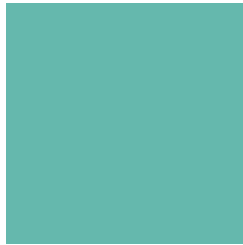
9C0015



1C0004

Previews

White Background



This preview shows how the Hex color 65B8AD 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 65B8AD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

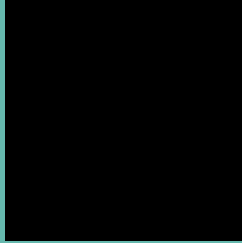
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

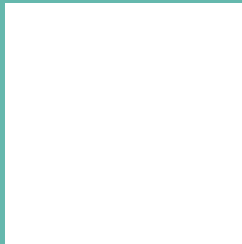
Any Text WCAG AAA ✓ Pass

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

Hex 65B8AD Background



This preview shows how black text looks on a background with the Hex color 65B8AD.

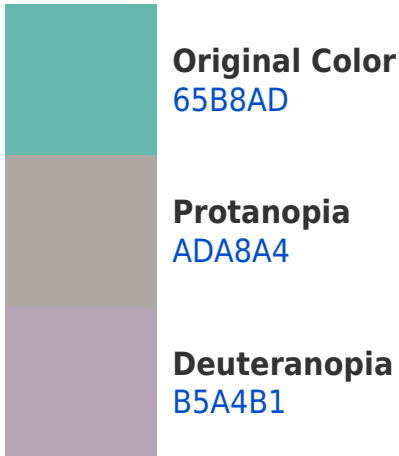


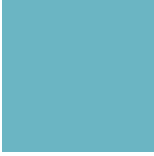
This preview shows how white text looks on a background with the Hex color 65B8AD.

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](#).

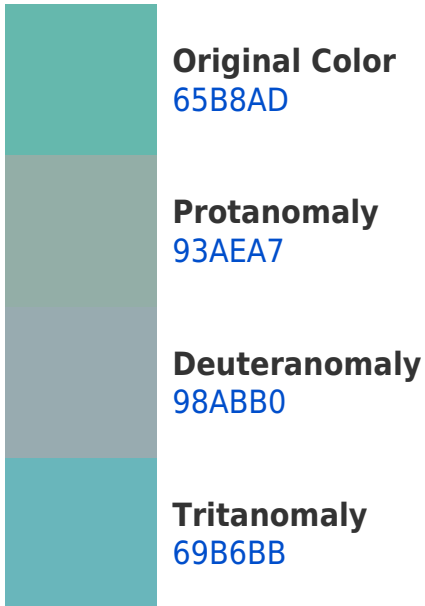
Dichromacy





Tritanopia
6BB5C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 65B8AD 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 #65B8AD looks like.

```
.text, #text, p{  
    color:#65B8AD  
}
```

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 #65B8AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65B8AD
}
```

Border

The CSS property to change the border of an element to Hex 65B8AD 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
#65B8AD }
```

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

```
.border{ border-color:#65B8AD }
```

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

Here you see how a box with a 4 pixel #65B8AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65B8AD; -webkit-box-shadow:4px 4px  
4px 4px #65B8AD; box-shadow:4px 4px 4px  
4px #65B8AD }
```

Background

The CSS property to change the background color of an element to Hex 65B8AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65B8AD }
```

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

```
.background{ background-color:#65B8AD }
```

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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