

Converting Colors

Hex(65BDAD)

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

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Color

Hex(65BDAD)

Conversions

Conversions Part 1

Format	Color
Hex	65BDAD
RGB	101, 189, 173
RGB Percent	40%, 74%, 68%
CMY	0.6039, 0.2588, 0.3216
CMYK	0.47, 0.00, 0.08, 0.26
HSL	169°, 40%, 57%
HSV	169°, 47%, 74%
XYZ	31.1072, 42.1790, 46.0370
YIQ	160.8640, -47.3120, -23.6320

Conversions

Conversions Part 2

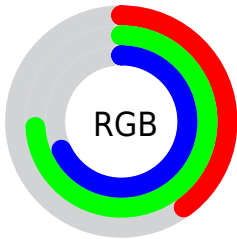
Format	Color
RYB	101, 149, 189
Decimal	6667693
CIELab	70.99, -30.40, -0.12
CIElCh	71, 30.405, 180.228
Yxy	42.1790, 0.2607, 0.3535
Android (android.graphics.Color)	4284857773 (0xFF65BDAD)
YUV	160.8640, 5.9830, -52.5007
Hunter-Lab	64.9454, -28.1573, 3.4336

Details

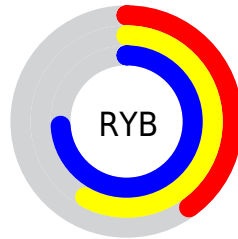
The Hex color **65BDAD** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **BD6575**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **9DF6E4**, and **2B8779** is the 20% darker color. If you saturate the color by 10%, you get **52BDAA**, and if you desaturate by 10%, it is **78BDB0**.

Distribution



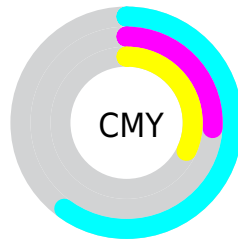
- Red (40%)
- Green (74%)
- Blue (68%)



- Red (40%)
- Yellow (58%)
- Blue (74%)



- Cyan (47%)
- Magenta (0%)
- Yellow (8%)
- Black (26%)



- Cyan (60%)
- Magenta (26%)
- Yellow (32%)

Brightness & Saturation Gradients

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

 65BDAD

 65BDAD

FFFFFF

 49A292

 9DF6E4

 2B8779

 B9FFFF

 006D60

 D6FFFF

 005548

 F4FFFF

 003D32

 00271D

 000704

 000000

 65BDAD

 65BDAD

52BDAA

78BDB0

3FBDA6

8BBDB4

2CBDA3

9EBDB7

19BD9F

B1BDBB

07BD9C

C4BDBE

00BD9B

D6BDC2

E9BDC5

FCBDC8

FFBDCC

Harmonies

Analogous

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



83BA91



65BDAD



55BCC9

Triad

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



65BDAD



B2A7DE



D8A37F

Complementary

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



65BDAD



BD6575

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.



E49B93



65BDAD



D19ECA

Square

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



65BDAD



8AB0E5



E399AF



C1AC76

Rectangle

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



65BDAD



5BBAD7



E399AF



DDA084

Sweetspot

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



65BDAD



D3F5EF



75BD65



667A77



FAFAFA



7A7A7A

Same Dimension

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



65BDAD



6CF5DC



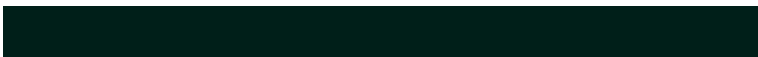
65A1BD



555E5D



009E81



001F19

Inverse Universe

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



BD6575



F56C85



BD8165



5E5557



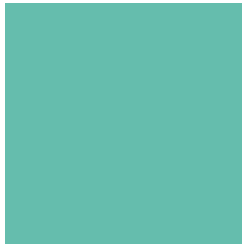
9E001D



1F0006

Previews

White Background



This preview shows how the Hex color 65BDAD looks on a white background.

Color Contrast Check

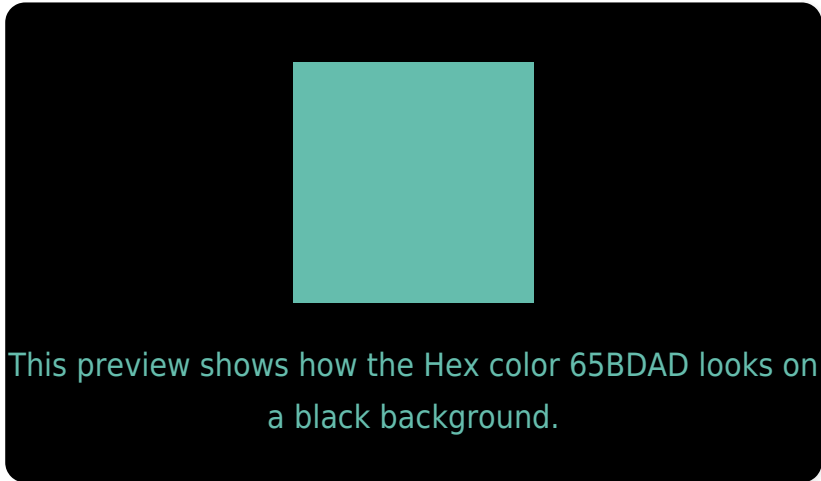
Large Text (above 18pt) WCAG AA × Fail

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

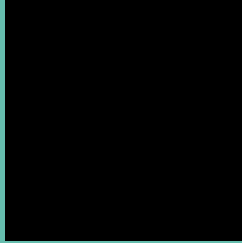
Any Text WCAG AA ✓ Pass

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 65BDAD Background



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

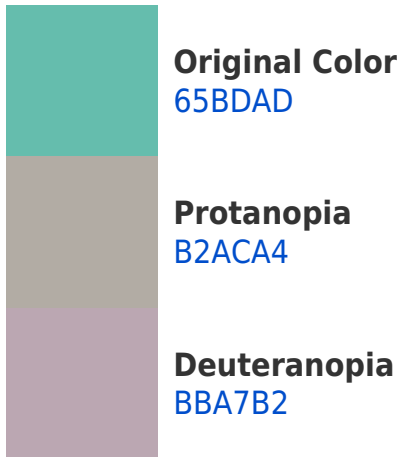


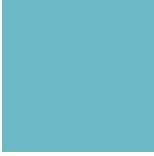
This preview shows how white text looks on a background with the Hex color 65BDAD.

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](#).

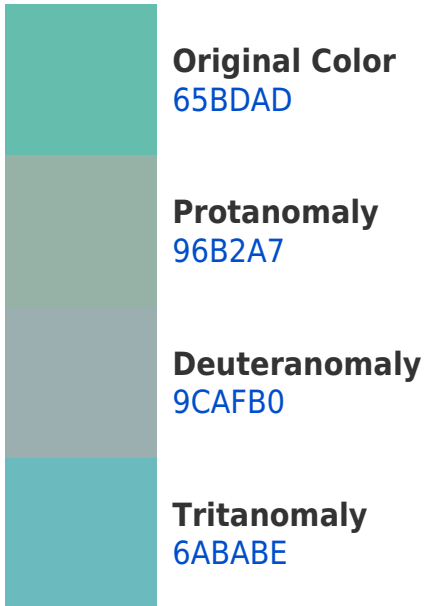
Dichromacy



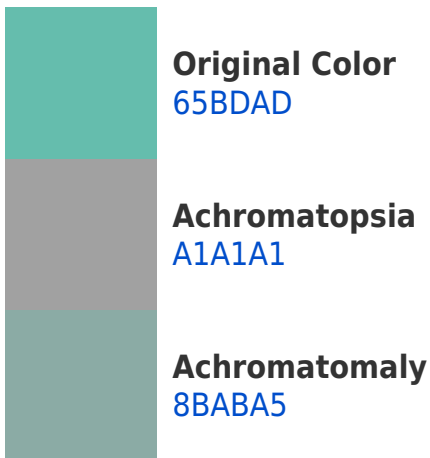


Tritanopia
6DB9C8

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #65BDAD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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