

Converting Colors

Hex(65C1AD)

Have a look what the booklet for
Hex(65C1AD) contains.

Hex(65C1AD)	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(65C1AD)

Conversions

Conversions Part 1

Format	Color
Hex	65C1AD
RGB	101, 193, 173
RGB Percent	40%, 76%, 68%
CMY	0.6039, 0.2431, 0.3216
CMYK	0.48, 0.00, 0.10, 0.24
HSL	167°, 43%, 58%
HSV	167°, 48%, 76%
XYZ	31.9796, 43.9238, 46.3278
YIQ	163.2120, -48.4120, -25.7240

Conversions

Conversions Part 2

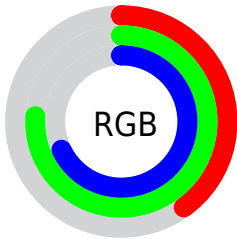
Format	Color
RYB	101, 153, 193
Decimal	6668717
CIELab	72.18, -32.31, 1.60
CIElCh	72, 32.354, 177.159
Yxy	43.9238, 0.2616, 0.3593
Android (android.graphics.Color)	4284858797 (0xFF65C1AD)
YUV	163.2120, 4.8255, -54.5599
Hunter-Lab	66.2750, -29.8498, 4.9474

Details

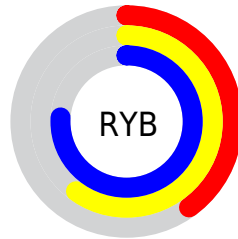
The Hex color **65C1AD** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C16579**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **9DFAE4**, and **2A8B79** is the 20% darker color. If you saturate the color by 10%, you get **52C1A9**, and if you desaturate by 10%, it is **78C1B1**.

Distribution



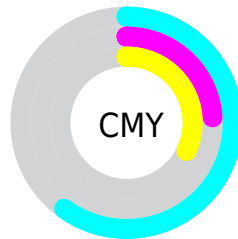
- Red (40%)
- Green (76%)
- Blue (68%)



- Red (40%)
- Yellow (60%)
- Blue (76%)



- Cyan (48%)
- Magenta (0%)
- Yellow (10%)
- Black (24%)



- Cyan (60%)
- Magenta (24%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65C1AD 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 65C1AD by changing the saturation by 10% instead.

 65C1AD

 65C1AD

FFFFFF

 49A692

 9DFAE4

 2A8B79

 BAFFFF

 007160

 D7FFFF

 005848

 F4FFFF

 004032

 002A1D

 000F04

 000000

 65C1AD

 65C1AD

■ 52C1A9

■ 78C1B1

■ 3EC1A5

■ 8CC1B5

■ 2BC1A0

■ 9FC1BA

■ 18C19C

■ B2C1BE

■ 04C198

■ C5C1C2

■ 00C197

■ D9C1C6

■ ECC1CA

■ FFC1CF

■ FFC1D3

Harmonies

Analogous

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



87BE90



65C1AD



4FC1CB

Triad

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



65C1AD



B1AAE5



E0A480

Complementary

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



65C1AD



C16579

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.



EB9D97



65C1AD



D4A0D1

Square

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



65C1AD



85B5EB



E89BB5



C8AE76

Rectangle

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



65C1AD



54BEDB



E89BB5



E5A187

Sweetspot

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



65C1AD



D7FAF2



7AC165



687D78



FCFCFC



7D7D7D

Same Dimension

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



65C1AD



6BFADB



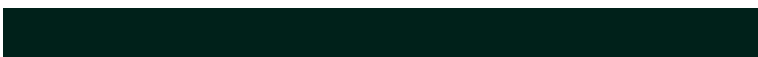
65A8C1



57615F



00A17E



00211A

Inverse Universe

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



C16579



FA6B8A



C17E65



615759



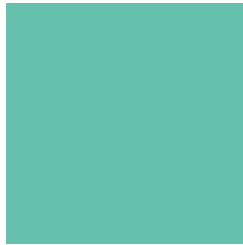
A10023



210007

Previews

White Background



This preview shows how the Hex color 65C1AD 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 65C1AD 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 65C1AD Background



This preview shows how black text looks on a background with the Hex color 65C1AD.

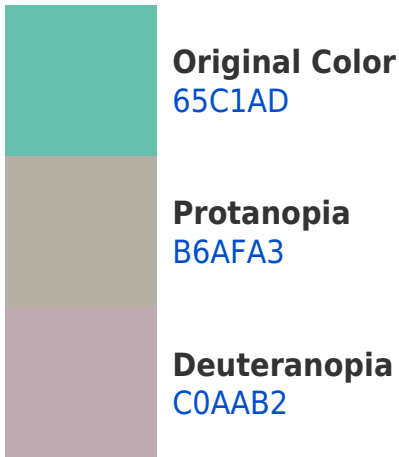


This preview shows how white text looks on a background with the Hex color 65C1AD.

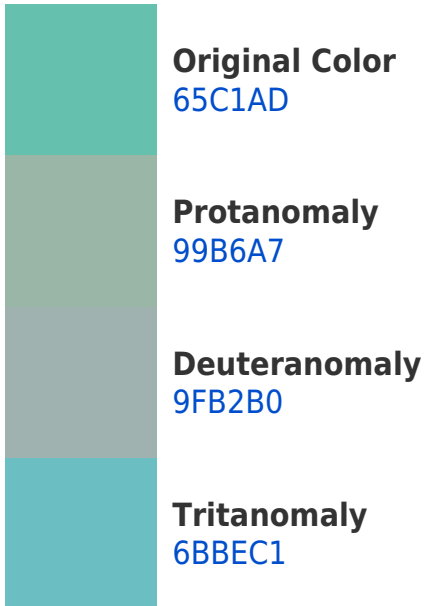
Color Blindness Simulation

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](#).

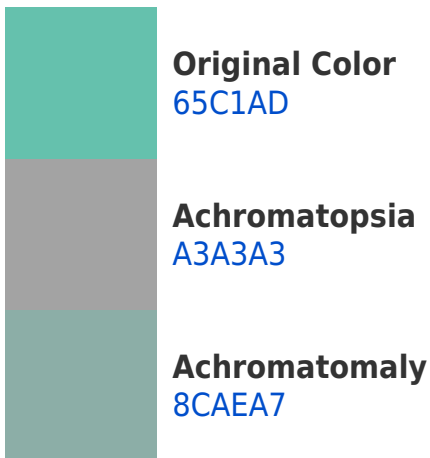
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 65C1AD 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 #65C1AD looks like.

```
.text, #text, p{  
    color:#65C1AD  
}
```

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 #65C1AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65C1AD
}
```

Border

The CSS property to change the border of an element to Hex 65C1AD 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
#65C1AD }
```

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

```
.border{ border-color:#65C1AD }
```

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

Here you see how a box with a 4 pixel #65C1AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65C1AD; -webkit-box-shadow:4px 4px  
4px 4px #65C1AD; box-shadow:4px 4px 4px  
4px #65C1AD }
```

Background

The CSS property to change the background color of an element to Hex 65C1AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65C1AD }
```

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

```
.background{ background-color:#65C1AD }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor