

Converting Colors

Hex(64B5AD)

Have a look what the booklet for
Hex(64B5AD) contains.

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Color

Hex(64B5AD)

Conversions

Conversions Part 1

Format	Color
Hex	64B5AD
RGB	100, 181, 173
RGB Percent	39%, 71%, 68%
CMY	0.6078, 0.2902, 0.3216
CMYK	0.45, 0.00, 0.04, 0.29
HSL	174°, 35%, 55%
HSV	174°, 45%, 71%
XYZ	29.3222, 38.7742, 45.4739
YIQ	155.8690, -45.7080, -19.6600

Conversions

Conversions Part 2

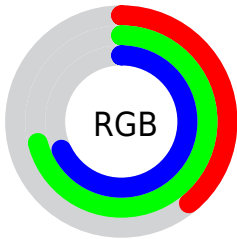
Format	Color
RYB	100, 143, 181
Decimal	6600109
CIELab	68.59, -26.75, -3.66
CIELCh	69, 27.000, 187.782
Yxy	38.7742, 0.2582, 0.3414
Android (android.graphics.Color)	4284790189 (0xFF64B5AD)
YUV	155.8690, 8.4456, -48.9971
Hunter-Lab	62.2689, -24.9156, 0.2898

Details

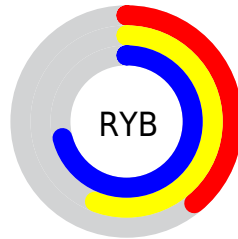
The Hex color **64B5AD** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **B5646C**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **9BEDE4**, and **2B8079** is the 20% darker color. If you saturate the color by 10%, you get **52B5AB**, and if you desaturate by 10%, it is **76B5AF**.

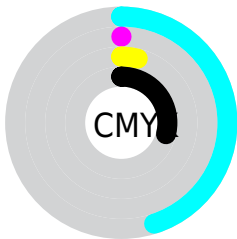
Distribution



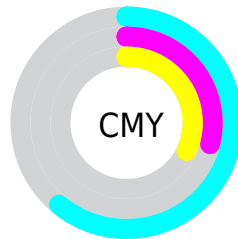
- Red (39%)
- Green (71%)
- Blue (68%)



- Red (39%)
- Yellow (56%)
- Blue (71%)



- Cyan (45%)
- Magenta (0%)
- Yellow (4%)
- Black (29%)



- Cyan (61%)
- Magenta (29%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64B5AD 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 64B5AD by changing the saturation by 10% instead.

 64B5AD

 64B5AD

FFFFFF

 489A92

 9BEDE4

 2B8079

 B8FFFF

 006660

 D4FFFF

 004E48

 F2FFFF

 003732

 00221D

 000003

 000000

 64B5AD

 64B5AD

■ 52B5AB

■ 76B5AF

■ 40B5A9

■ 88B5B1

■ 2EB5A8

■ 9AB5B2

■ 1CB5A6

■ ACB5B4

■ 09B5A4

■ BFB5B6

■ 00B5A3

■ D1B5B8

■ E3B5BA

■ F5B5BB

■ FFB5BD

Harmonies

Analogous

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



7BB394



64B5AD



5DB3C4

Triad

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



64B5AD



B39FCE



C9A07B

Complementary

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



64B5AD



B5646C

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.



D6988B



64B5AD



CC98BA

Square

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



64B5AD



92A7D7



D895A2



B3A877

Rectangle

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



64B5AD



67B1D0



D895A2



CE9D7F

Sweetspot

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



64B5AD



CCEBE8



6CB564



637573



F5F5F5



757575

Same Dimension

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



64B5AD



6CEBDE



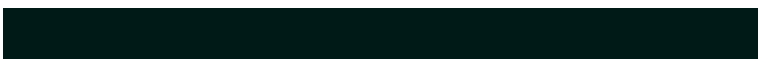
6495B5



505958



00998A



001A17

Inverse Universe

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



B5646C



EB6C78



B58464



595051



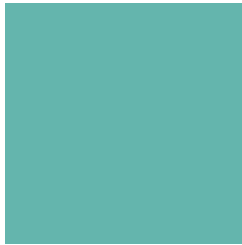
99000F



1A0003

Previews

White Background



This preview shows how the Hex color 64B5AD 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 64B5AD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

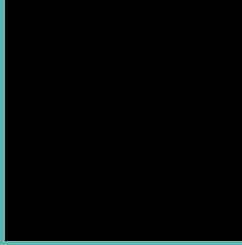
Any Text WCAG AA ✓ Pass

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 64B5AD Background



This preview shows how black text looks on a background with the Hex color 64B5AD.

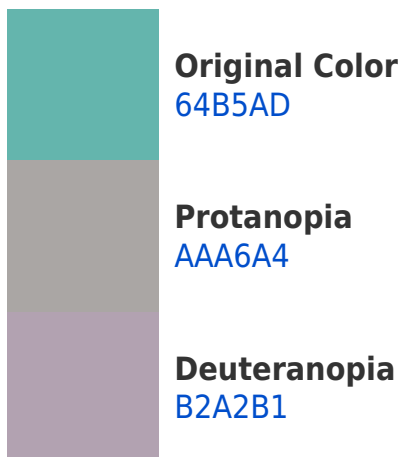


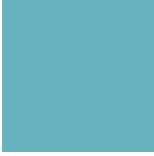
This preview shows how white text looks on a background with the Hex color 64B5AD.

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
6AB2C0

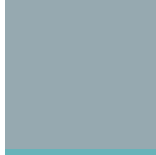
Trichromacy



Original Color
64B5AD



Protanomaly
91ABA7



Deuteranomaly
96A9B0



Tritanomaly
68B3B9

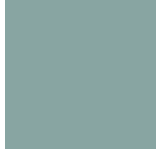
Monochromacy



Original Color
64B5AD



Achromatopsia
9C9C9C



Achromatomaly
88A5A2

CSS Examples

Text

The CSS property to change the color of the text to Hex 64B5AD 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 #64B5AD looks like.

```
.text, #text, p{  
    color:#64B5AD  
}
```

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 #64B5AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64B5AD
}
```

Border

The CSS property to change the border of an element to Hex 64B5AD 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
#64B5AD }
```

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

```
.border{ border-color:#64B5AD }
```

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

Here you see how a box with a 4 pixel #64B5AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64B5AD; -webkit-box-shadow:4px 4px  
4px 4px #64B5AD; box-shadow:4px 4px 4px  
4px #64B5AD }
```

Background

The CSS property to change the background color of an element to Hex 64B5AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64B5AD }
```

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

```
.background{ background-color:#64B5AD }
```

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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