

Converting Colors

Hex(64C3AC)

Have a look what the booklet for
Hex(64C3AC) contains.

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Color

Hex(64C3AC)

Conversions

Conversions Part 1

Format	Color
Hex	64C3AC
RGB	100, 195, 172
RGB Percent	39%, 76%, 67%
CMY	0.6078, 0.2353, 0.3255
CMYK	0.49, 0.00, 0.12, 0.24
HSL	165°, 44%, 58%
HSV	165°, 49%, 76%
XYZ	32.2170, 44.7181, 45.9632
YIQ	163.9730, -49.2370, -27.2930

Conversions

Conversions Part 2

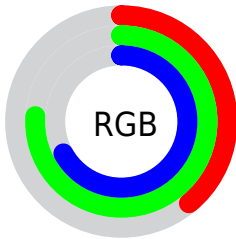
Format	Color
RYB	100, 154, 195
Decimal	6603692
CIELab	72.71, -33.73, 2.91
CIELCh	73, 33.858, 175.069
Yxy	44.7181, 0.2621, 0.3639
Android (android.graphics.Color)	4284793772 (0xFF64C3AC)
YUV	163.9730, 3.9573, -56.1043
Hunter-Lab	66.8716, -31.0285, 6.0580

Details

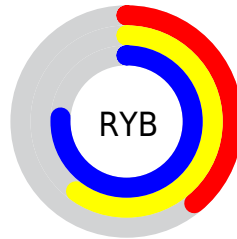
The Hex color **64C3AC** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C3647B**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **9CFCE3**, and **288D78** is the 20% darker color. If you saturate the color by 10%, you get **50C3A7**, and if you desaturate by 10%, it is **78C3B1**.

Distribution



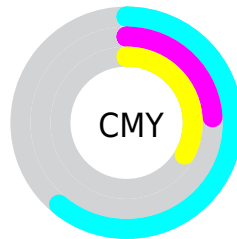
- Red (39%)
- Green (76%)
- Blue (67%)



- Red (39%)
- Yellow (60%)
- Blue (76%)



- Cyan (49%)
- Magenta (0%)
- Yellow (12%)
- Black (24%)



- Cyan (61%)
- Magenta (24%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64C3AC 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 64C3AC by changing the saturation by 10% instead.

 64C3AC

 64C3AC

FFFFFF

 47A891

 9CFCE3

 288D78

 B9FFFF

 00735F

 D6FFFF

 005A47

 F4FFFF

 004231

 002B1C

 001102

 000000

 64C3AC

 64C3AC

 50C3A7

 78C3B1

 3DC3A3

 8BC3B5

 2AC39E

 9EC3BA

 16C399

 B2C3BF

 03C394

 C5C3C4

 00C394

 D9C3C8

 EDC3CD

 FFC3D2

 FFC3D6

Harmonies

Analogous

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



89BF8E



64C3AC



49C3CC

Triad

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



64C3AC



AFACEA



E4A481

Complementary

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



64C3AC



C3647B

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.



F09C9A



64C3AC



D5A2D6

Square

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



64C3AC



80B7F0



EB9BB9



CCAF75

Rectangle

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



64C3AC



4CC1DD



EB9BB9



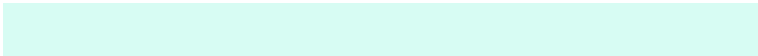
EAA188

Sweetspot

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



64C3AC



D7FCF3



7CC364



69807A



000000



808080

Same Dimension

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



64C3AC



6AFCD9



64ABC3



57615F



00A17A



002119

Inverse Universe

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



C3647B



FC6A8D



C37C64



61575A



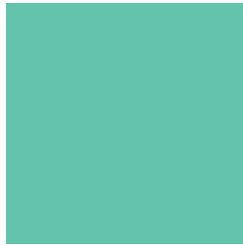
A10027



210008

Previews

White Background



This preview shows how the Hex color 64C3AC looks on a white background.

Color Contrast Check

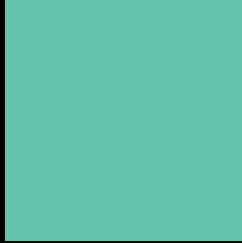
Large Text (above 18pt) WCAG AA × Fail

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 64C3AC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

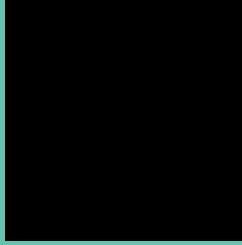
Any Text WCAG AA ✓ Pass

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 64C3AC Background



This preview shows how black text looks on a background with the Hex color 64C3AC.

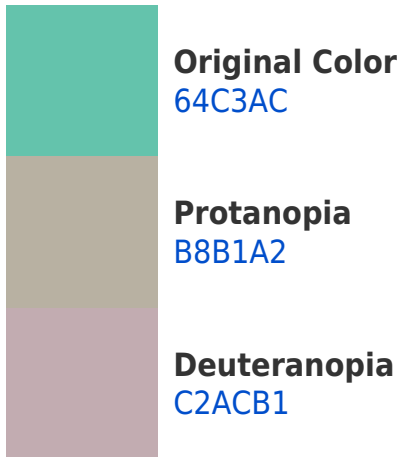


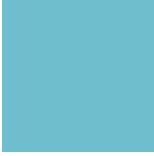
This preview shows how white text looks on a background with the Hex color 64C3AC.

Color Blindness Simulation

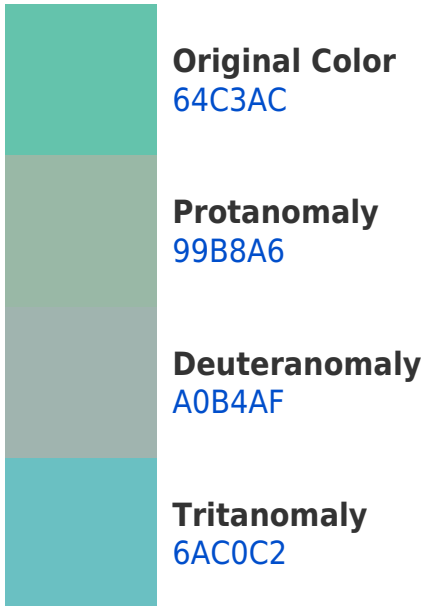
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

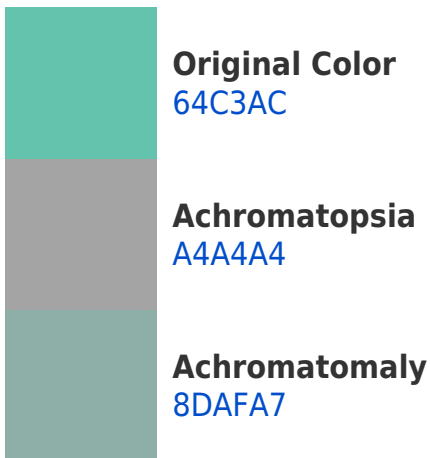




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 64C3AC 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 #64C3AC looks like.

```
.text, #text, p{  
    color:#64C3AC  
}
```

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 #64C3AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64C3AC
}
```

Border

The CSS property to change the border of an element to Hex 64C3AC 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
#64C3AC }
```

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

```
.border{ border-color:#64C3AC }
```

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

Here you see how a box with a 4 pixel #64C3AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64C3AC; -webkit-box-shadow:4px 4px  
4px 4px #64C3AC; box-shadow:4px 4px 4px  
4px #64C3AC }
```

Background

The CSS property to change the background color of an element to Hex 64C3AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64C3AC }
```

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

```
.background{ background-color:#64C3AC }
```

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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