

Converting Colors

Hex(6AC8B2)

Have a look what the booklet for
Hex(6AC8B2) contains.

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Color

Hex(6AC8B2)

Conversions

Conversions Part 1

Format	Color
Hex	6AC8B2
RGB	106, 200, 178
RGB Percent	42%, 78%, 70%
CMY	0.5843, 0.2157, 0.3020
CMYK	0.47, 0.00, 0.11, 0.22
HSL	166°, 46%, 60%
HSV	166°, 47%, 78%
XYZ	34.6340, 47.5871, 49.4793
YIQ	169.3860, -48.9620, -26.7700

Conversions

Conversions Part 2

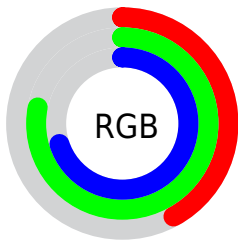
Format	Color
RYB	106, 159, 200
Decimal	6998194
CIELab	74.56, -33.23, 2.38
CIELCh	75, 33.317, 175.901
Yxy	47.5871, 0.2630, 0.3613
Android (android.graphics.Color)	4285188274 (0xFF6AC8B2)
YUV	169.3860, 4.2467, -55.5895
Hunter-Lab	68.9834, -31.1027, 5.7618

Details

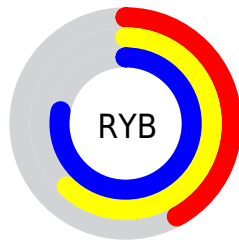
The Hex color **6AC8B2** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C86A80**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **A2FFEA**, and **2F927D** is the 20% darker color. If you saturate the color by 10%, you get **56C8AD**, and if you desaturate by 10%, it is **7EC8B7**.

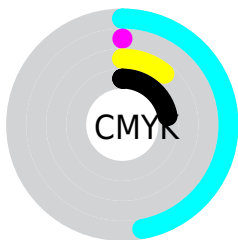
Distribution



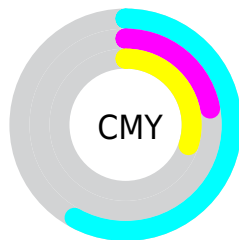
- Red (42%)
- Green (78%)
- Blue (70%)



- Red (42%)
- Yellow (62%)
- Blue (78%)



- Cyan (47%)
- Magenta (0%)
- Yellow (11%)
- Black (22%)



- Cyan (58%)
- Magenta (22%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AC8B2 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 6AC8B2 by changing the saturation by 10% instead.



6AC8B2



6AC8B2

FFFFFF



4EAC97



A2FFEA



2F927D



BFFFFFF



027765



DCFFFF



005E4D



FAFFFF



004636



002F21



00190A



000000



6AC8B2



6AC8B2

 56C8AD

 7EC8B7

 42C8A9

 92C8BB

 2EC8A4

 A6C8C0

 1AC89F

 BAC8C5

 06C89B

 CEC8C9

 00C899

 E2C8CE

 F6C8D3

 FFC8D7

 FFC8DC

Harmonies

Analogous

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



8EC594



6AC8B2



52C8D1

Triad

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



6AC8B2



B6B1EE



E8AA86

Complementary

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



6AC8B2



C86A80

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.



F4A29E



6AC8B2



DBA7DA

Square

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



6AC8B2



88BCF4



F0A1BD



D1B47A

Rectangle

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



6AC8B2



56C5E2



F0A1BD



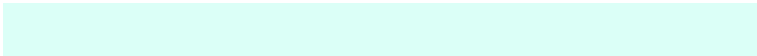
EEA78D

Sweetspot

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



6AC8B2



DBFFF7



82C86A



6A807A



000000



808080

Same Dimension

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



6AC8B2



70FFDE



6AB1C8



5A6361



00A37D



00241B

Inverse Universe

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



C86A80



FF7092



C8826A



635A5C



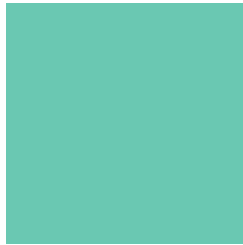
A30026



240008

Previews

White Background



This preview shows how the Hex color 6AC8B2 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 6AC8B2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

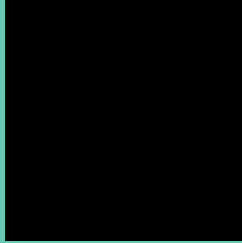
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

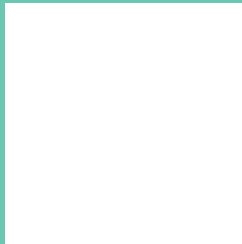
Any Text WCAG AAA ✓ Pass

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

Hex 6AC8B2 Background



This preview shows how black text looks on a background with the Hex color 6AC8B2.



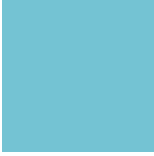
This preview shows how white text looks on a background with the Hex color 6AC8B2.

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
74C3D3

Trichromacy



Original Color
6AC8B2



Protanomaly
9FBDAC



Deuteranomaly
A6B9B5

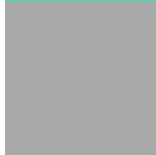


Tritanomaly
70C5C7

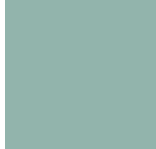
Monochromacy



Original Color
6AC8B2



Achromatopsia
A9A9A9



Achromatomaly
92B4AC

CSS Examples

Text

The CSS property to change the color of the text to Hex 6AC8B2 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 #6AC8B2 looks like.

```
.text, #text, p{  
    color:#6AC8B2  
}
```

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 #6AC8B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AC8B2
}
```

Border

The CSS property to change the border of an element to Hex 6AC8B2 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
#6AC8B2 }
```

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

```
.border{ border-color:#6AC8B2 }
```

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

Here you see how a box with a 4 pixel #6AC8B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AC8B2; -webkit-box-shadow:4px 4px  
4px 4px #6AC8B2; box-shadow:4px 4px 4px  
4px #6AC8B2 }
```

Background

The CSS property to change the background color of an element to Hex 6AC8B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AC8B2 }
```

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

```
.background{ background-color:#6AC8B2 }
```

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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