

Converting Colors

Hex(6AC2B2)

Have a look what the booklet for
Hex(6AC2B2) contains.

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Color

Hex(6AC2B2)

Conversions

Conversions Part 1

Format	Color
Hex	6AC2B2
RGB	106, 194, 178
RGB Percent	42%, 76%, 70%
CMY	0.5843, 0.2392, 0.3020
CMYK	0.45, 0.00, 0.08, 0.24
HSL	169°, 42%, 59%
HSV	169°, 45%, 76%
XYZ	33.2715, 44.8621, 49.0251
YIQ	165.8640, -47.3120, -23.6320

Conversions

Conversions Part 2

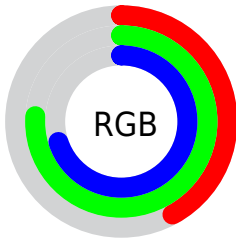
Format	Color
RYB	106, 154, 194
Decimal	6996658
CIELab	72.80, -30.38, -0.19
CIElCh	73, 30.381, 180.350
Yxy	44.8621, 0.2617, 0.3528
Android (android.graphics.Color)	4285186738 (0xFF6AC2B2)
YUV	165.8640, 5.9830, -52.5007
Hunter-Lab	66.9792, -28.5447, 3.4883

Details

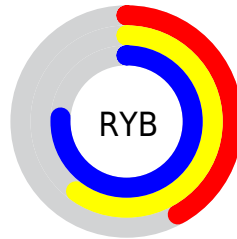
The Hex color **6AC2B2** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C26A7A**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **A2FBEA**, and **318C7D** is the 20% darker color. If you saturate the color by 10%, you get **57C2AE**, and if you desaturate by 10%, it is **7DC2B6**.

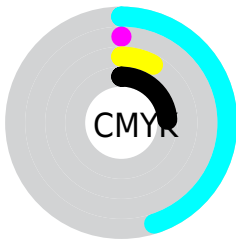
Distribution



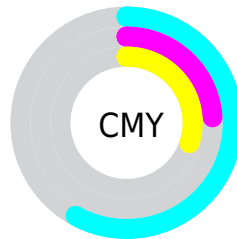
- Red (42%)
- Green (76%)
- Blue (70%)



- Red (42%)
- Yellow (60%)
- Blue (76%)



- Cyan (45%)
- Magenta (0%)
- Yellow (8%)
- Black (24%)



- Cyan (58%)
- Magenta (24%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AC2B2 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 6AC2B2 by changing the saturation by 10% instead.



6AC2B2



6AC2B2

FFFFFF



4EA797



A2FBEA



318C7D



BFFFFFF



077265



DCFFFF



00594D



F9FFFF



004136



002A21



00120A



000000



6AC2B2



6AC2B2

■ 57C2AE

■ 7DC2B6

■ 43C2AB

■ 91C2B9

■ 30C2A7

■ A4C2BD

■ 1CC2A4

■ B8C2C0

■ 09C2A0

■ CBC2C4

■ 00C29F

■ DEC2C7

■ F2C2CB

■ FFC2CE

■ FFC2D2

Harmonies

Analogous

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



88BF96



6AC2B2



5AC1CE

Triad

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



6AC2B2



B7ABE3



DDA883

Complementary

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



6AC2B2



C26A7A

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.



E9A098



6AC2B2



D6A2CF

Square

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



6AC2B2



8FB5EA



E89EB3



C6B17B

Rectangle

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



6AC2B2



61BFDD



E89EB3



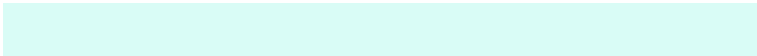
E3A589

Sweetspot

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



6AC2B2



D9FCF6



7AC26A



6A807C



000000



808080

Same Dimension

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



6AC2B2



74FCE4



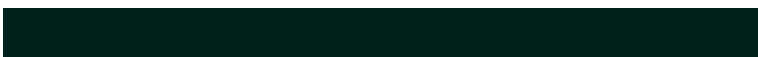
6AA6C2



57615F



00A183



00211B

Inverse Universe

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



C26A7A



FC748D



C2866A



615759



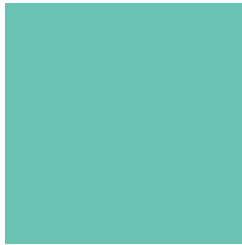
A1001D



210006

Previews

White Background



This preview shows how the Hex color 6AC2B2 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 6AC2B2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

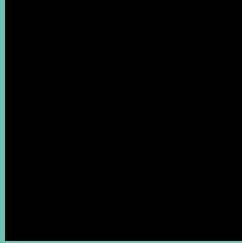
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

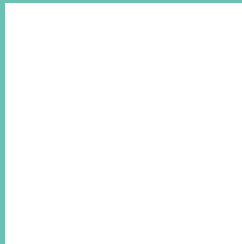
Any Text WCAG AAA ✓ Pass

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

Hex 6AC2B2 Background



This preview shows how black text looks on a background with the Hex color 6AC2B2.

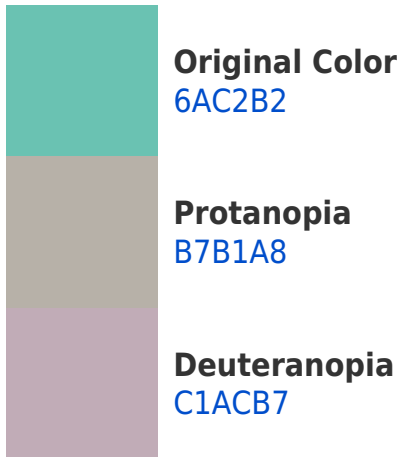


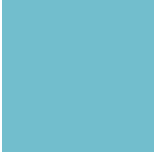
This preview shows how white text looks on a background with the Hex color 6AC2B2.

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



Original Color
6AC2B2



Protanomaly
9BB7AC



Deuteranomaly
A1B4B5

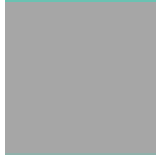


Tritanomaly
6FBFC3

Monochromacy



Original Color
6AC2B2



Achromatopsia
A6A6A6



Achromatomaly
90B0AA

CSS Examples

Text

The CSS property to change the color of the text to Hex 6AC2B2 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 #6AC2B2 looks like.

```
.text, #text, p{  
    color:#6AC2B2  
}
```

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 #6AC2B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AC2B2
}
```

Border

The CSS property to change the border of an element to Hex 6AC2B2 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
#6AC2B2 }
```

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

```
.border{ border-color:#6AC2B2 }
```

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

Here you see how a box with a 4 pixel #6AC2B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AC2B2; -webkit-box-shadow:4px 4px  
4px 4px #6AC2B2; box-shadow:4px 4px 4px  
4px #6AC2B2 }
```

Background

The CSS property to change the background color of an element to Hex 6AC2B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AC2B2 }
```

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

```
.background{ background-color:#6AC2B2 }
```

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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