

Converting Colors

Hex(6AC2BE)

Have a look what the booklet for
Hex(6AC2BE) contains.

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Color

Hex(6AC2BE)

Conversions

Conversions Part 1

Format	Color
Hex	6AC2BE
RGB	106, 194, 190
RGB Percent	42%, 76%, 75%
CMY	0.5843, 0.2392, 0.2549
CMYK	0.45, 0.00, 0.02, 0.24
HSL	177°, 42%, 59%
HSV	177°, 45%, 76%
XYZ	34.5299, 45.3654, 55.6517
YIQ	167.2320, -51.1640, -19.9000

Conversions

Conversions Part 2

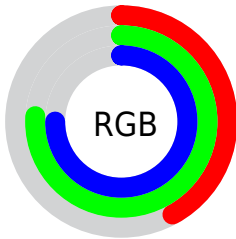
Format	Color
RYB	106, 151, 194
Decimal	6996670
CIELab	73.13, -27.42, -6.23
CIElCh	73, 28.118, 192.805
Yxy	45.3654, 0.2547, 0.3347
Android (android.graphics.Color)	4285186750 (0xFF6AC2BE)
YUV	167.2320, 11.2246, -53.7005
Hunter-Lab	67.3539, -26.3588, -1.8411

Details

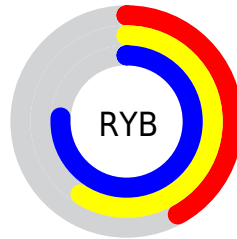
The Hex color **6AC2BE** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C26A6E**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **A2FBF6**, and **2F8C89** is the 20% darker color. If you saturate the color by 10%, you get **57C2BD**, and if you desaturate by 10%, it is **7DC2BF**.

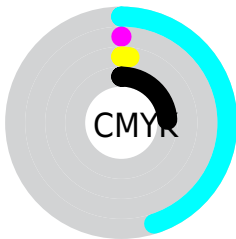
Distribution



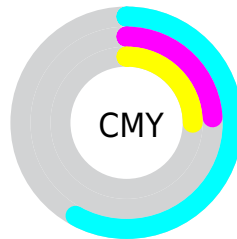
- Red (42%)
- Green (76%)
- Blue (75%)



- Red (42%)
- Yellow (59%)
- Blue (76%)



- Cyan (45%)
- Magenta (0%)
- Yellow (2%)
- Black (24%)



- Cyan (58%)
- Magenta (24%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AC2BE 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 6AC2BE by changing the saturation by 10% instead.

 6AC2BE

 6AC2BE

FFFFFF

 4EA7A3

 A2FBF6

 2F8C89

 BFFFFFF

 01726F

 DCFFFF

 005957

 FAFFFF

 004140

 002B2A

 001416

 000000

 6AC2BE

 6AC2BE

■ 57C2BD

■ 7DC2BF

■ 43C2BC

■ 91C2C0

■ 30C2BB

■ A4C2C1

■ 1CC2BA

■ B8C2C2

■ 09C2BA

■ CBC2C2

■ 00C2B9

■ DEC2C3

■ F2C2C4

■ FFC2C5

■ FFC2C6

Harmonies

Analogous

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



81C1A3



6AC2BE



67C0D6

Triad

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



6AC2BE



C5A9D9



D3AD83

Complementary

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



6AC2BE



C26A6E

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.



E3A592



6AC2BE



DDA2C3

Square

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



6AC2BE



A3B2E5



E8A1A9



BBB581

Rectangle

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



6AC2BE



75BDE1



E8A1A9



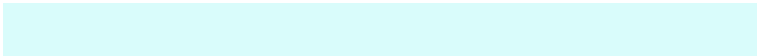
DAAA87

Sweetspot

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



6AC2BE



D9FCFB



6EC26A



6A807F



000000



808080

Same Dimension

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



6AC2BE



74FCF6



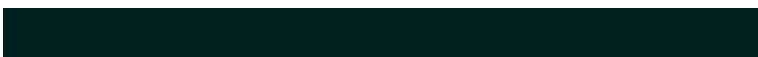
6A9AC2



576160



00A199



002120

Inverse Universe

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



C26A6E



FC747A



C2926A



615758



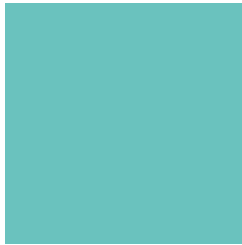
A10007



210002

Previews

White Background



This preview shows how the Hex color 6AC2BE looks on a white background.

Color Contrast Check

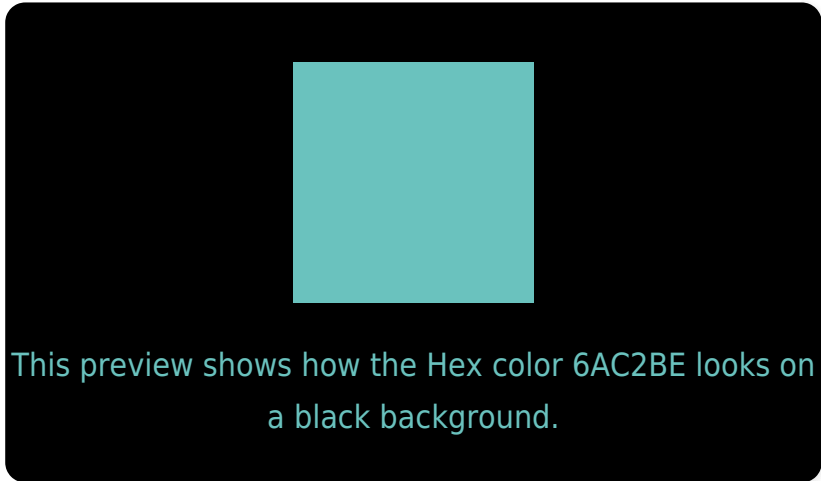
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

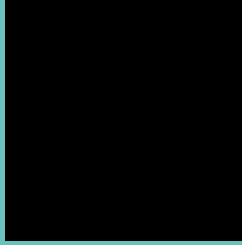
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

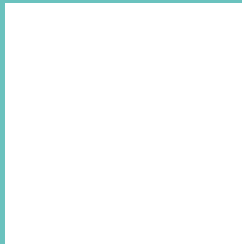
Any Text WCAG AAA ✓ Pass

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

Hex 6AC2BE Background



This preview shows how black text looks on a background with the Hex color 6AC2BE.

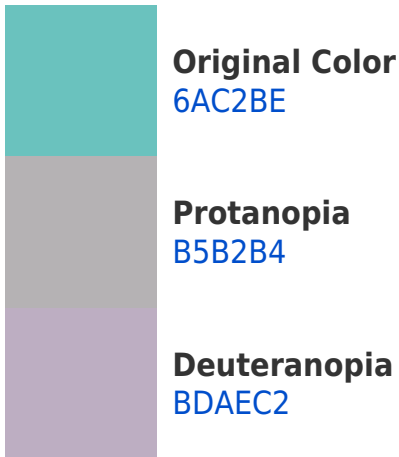


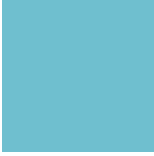
This preview shows how white text looks on a background with the Hex color 6AC2BE.

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](#).

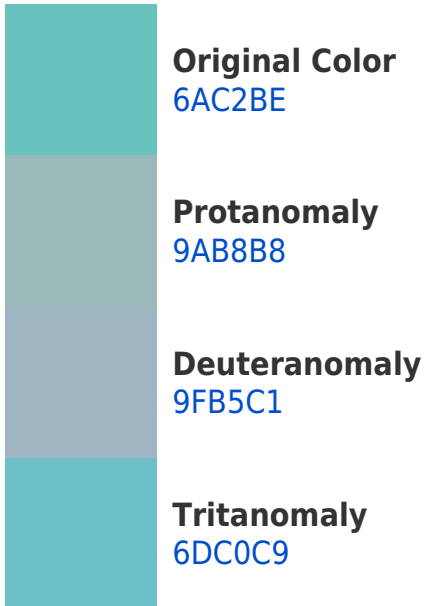
Dichromacy



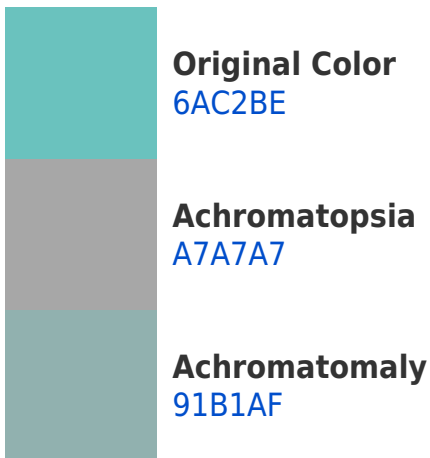


Tritanopia
6FBFCF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6AC2BE 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 #6AC2BE looks like.

```
.text, #text, p{  
    color:#6AC2BE  
}
```

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 #6AC2BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AC2BE
}
```

Border

The CSS property to change the border of an element to Hex 6AC2BE 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
#6AC2BE }
```

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

```
.border{ border-color:#6AC2BE }
```

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

Here you see how a box with a 4 pixel #6AC2BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AC2BE; -webkit-box-shadow:4px 4px  
4px 4px #6AC2BE; box-shadow:4px 4px 4px  
4px #6AC2BE }
```

Background

The CSS property to change the background color of an element to Hex 6AC2BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AC2BE }
```

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

```
.background{ background-color:#6AC2BE }
```

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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