

Converting Colors

Hex(6AC3C7)

Have a look what the booklet for
Hex(6AC3C7) contains.

Hex(6AC3C7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6AC3C7)

Conversions

Conversions Part 1

Format	Color
Hex	6AC3C7
RGB	106, 195, 199
RGB Percent	42%, 76%, 78%
CMY	0.5843, 0.2353, 0.2196
CMYK	0.47, 0.02, 0.00, 0.22
HSL	183°, 45%, 60%
HSV	183°, 47%, 78%
XYZ	35.7678, 46.2179, 61.0686
YIQ	168.8450, -54.3280, -17.6240

Conversions

Conversions Part 2

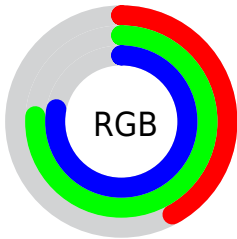
Format	Color
RYB	106, 151, 199
Decimal	6996935
CIELab	73.69, -25.60, -10.30
CIELCh	74, 27.593, 201.927
Yxy	46.2179, 0.2500, 0.3231
Android (android.graphics.Color)	4285187015 (0xFF6AC3C7)
YUV	168.8450, 14.8664, -55.1151
Hunter-Lab	67.9838, -25.0587, -5.6705

Details

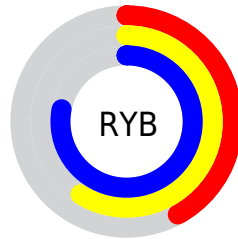
The Hex color **6AC3C7** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C76E6A**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **A3FCFF**, and **2E8D91** is the 20% darker color. If you saturate the color by 10%, you get **56C2C7**, and if you desaturate by 10%, it is **7EC4C7**.

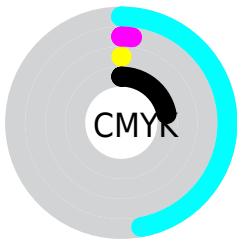
Distribution



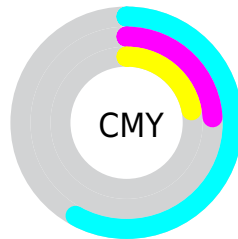
- Red (42%)
- Green (76%)
- Blue (78%)



- Red (42%)
- Yellow (59%)
- Blue (78%)



- Cyan (47%)
- Magenta (2%)
- Yellow (0%)
- Black (22%)



- Cyan (58%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AC3C7 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 6AC3C7 by changing the saturation by 10% instead.

 6AC3C7

 6AC3C7

FFFFFF

 4DA8AC

 A3FCFF

 2E8D91

 C0FFFF

 007378

 DDFFFF

 005A5F

 FBFFFF

 004247

 002C31

 00161C

 000000

 6AC3C7

 6AC3C7

56C2C7

7EC4C7

42C1C7

92C5C7

2EC0C7

A6C6C7

1AC0C7

BAC6C7

07BFC7

CEC7C7

00BEC7

E1C8C7

F5C9C7

FFCAC7

FFCBC7

Harmonies

Analogous

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



7BC3AD



6AC3C7



70C0DC

Triad

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



6AC3C7



CFA8D5



CEB183

Complementary

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



6AC3C7



C76E6A

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.



E1A98E



6AC3C7



E3A3BD

Square

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



6AC3C7



B0B1E4



E9A3A3



B4B986

Rectangle

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



6AC3C7



81BCE5



E9A3A3



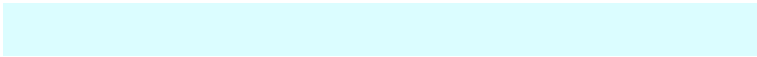
D5AE85

Sweetspot

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



6AC3C7



DBFDFF



6AC76D



6A7F80



000000



808080

Same Dimension

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



6AC3C7



70F9FF



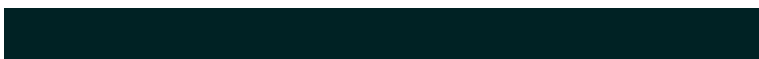
6A95C7



5A6363



009CA3



002224

Inverse Universe

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



C76AC3



FF70F9



C79C6A



635A63



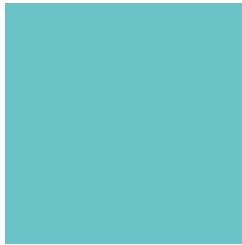
A3009C



240022

Previews

White Background



This preview shows how the Hex color 6AC3C7 looks on a white background.

Color Contrast Check

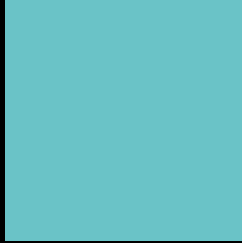
Large Text (above 18pt) WCAG AA × Fail

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 6AC3C7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

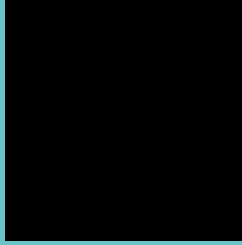
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

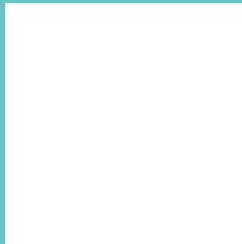
Any Text WCAG AAA ✓ Pass

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

Hex 6AC3C7 Background



This preview shows how black text looks on a background with the Hex color 6AC3C7.

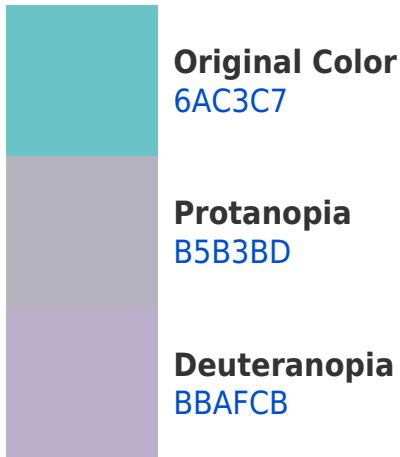


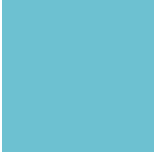
This preview shows how white text looks on a background with the Hex color 6AC3C7.

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](#).

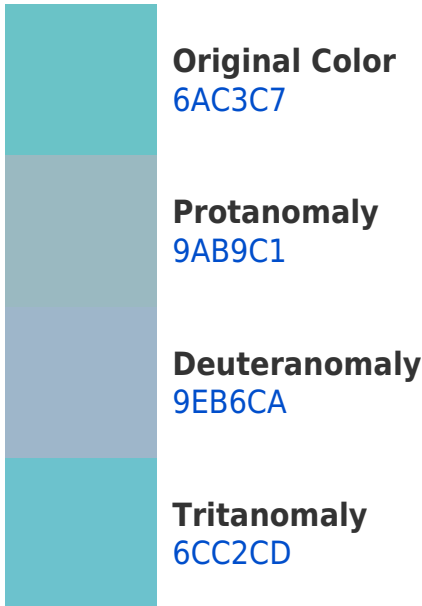
Dichromacy



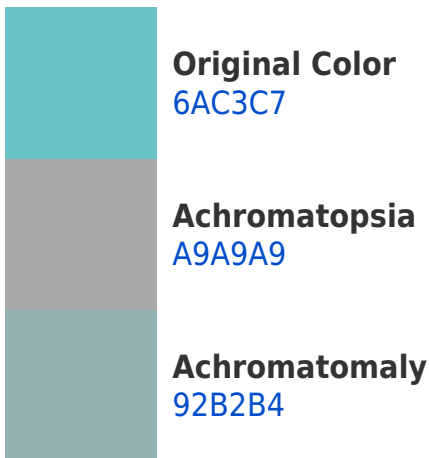


Tritanopia
6DC1D1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6AC3C7 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 #6AC3C7 looks like.

```
.text, #text, p{  
    color:#6AC3C7  
}
```

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 #6AC3C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AC3C7  
}
```

Border

The CSS property to change the border of an element to Hex 6AC3C7 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  
#6AC3C7 }
```

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

```
.border{ border-color:#6AC3C7 }
```

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

Here you see how a box with a 4 pixel #6AC3C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AC3C7; -webkit-box-shadow:4px 4px  
4px 4px #6AC3C7; box-shadow:4px 4px 4px  
4px #6AC3C7 }
```

Background

The CSS property to change the background color of an element to Hex 6AC3C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AC3C7 }
```

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

```
.background{ background-color:#6AC3C7 }
```

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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