

Converting Colors

Hex(6AC0C7)

Have a look what the booklet for
Hex(6AC0C7) contains.

Hex(6AC0C7)	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(6AC0C7)

Conversions

Conversions Part 1

Format	Color
Hex	6AC0C7
RGB	106, 192, 199
RGB Percent	42%, 75%, 78%
CMY	0.5843, 0.2471, 0.2196
CMYK	0.47, 0.04, 0.00, 0.22
HSL	185°, 45%, 60%
HSV	185°, 47%, 78%
XYZ	35.1023, 44.8870, 60.8468
YIQ	167.0840, -53.5030, -16.0550

Conversions

Conversions Part 2

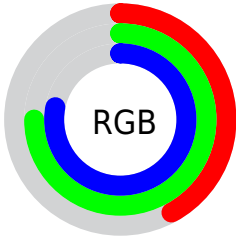
Format	Color
R _{YB}	106, 151, 199
Decimal	6996167
CIE _{Lab}	72.82, -24.10, -11.60
CIE _{LCh}	73, 26.750, 205.706
Y _{xy}	44.8870, 0.2492, 0.3187
Android (android.graphics.Color)	4285186247 (0xFF6AC0C7)
YUV	167.0840, 15.7346, -53.5707
Hunter-Lab	66.9977, -23.7241, -6.9483

Details

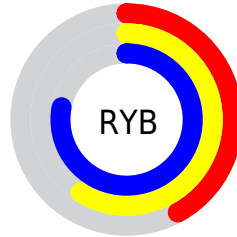
The Hex color **6AC0C7** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C7716A**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **A3F9FF**, and **2E8A91** is the 20% darker color. If you saturate the color by 10%, you get **56BFC7**, and if you desaturate by 10%, it is **7EC1C7**.

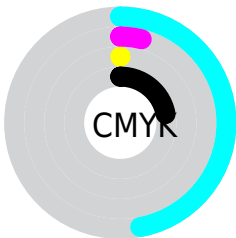
Distribution



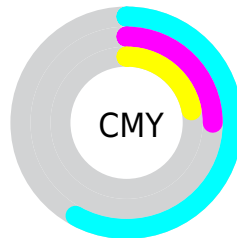
- Red (42%)
- Green (75%)
- Blue (78%)



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



- Cyan (47%)
- Magenta (4%)
- Yellow (0%)
- Black (22%)



- Cyan (58%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AC0C7 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 6AC0C7 by changing the saturation by 10% instead.



6AC0C7



6AC0C7

FFFFFF



4DA5AC



A3F9FF



2E8A91



C0FFFF



007178



DDFFFF



00585F



FAFFFF



004047



002A31



00131C



000000



6AC0C7



6AC0C7

■ 56BFC7

■ 7EC1C7

■ 42BDC7

■ 92C3C7

■ 2EBCC7

■ A6C4C7

■ 1ABAC7

■ BAC6C7

■ 07B9C7

■ CEC7C7

■ 00B8C7

■ E1C9C7

■ F5CAC7

■ FFCCC7

■ FFCDC7

Harmonies

Analogous

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



78C0AE



6AC0C7



73BDDA

Triad

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



6AC0C7



CFA6CF



C8B082

Complementary

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



6AC0C7



C7716A

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.



DBA88B



6AC0C7



E0A1B7

Square

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



6AC0C7



B2AEDF



E4A29F



AEB886

Rectangle

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



6AC0C7



85B8E2



E4A29F



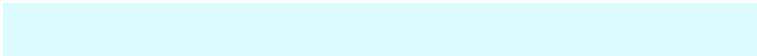
CFAD84

Sweetspot

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



6AC0C7



DBFCFF



6AC770



6A7E80



000000



808080

Same Dimension

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



6AC0C7



70F4FF



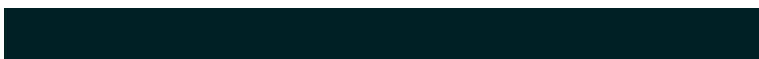
6A92C7



5A6363



0097A3



002124

Inverse Universe

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



C76AC0



FF70F4



C79F6A



635A63



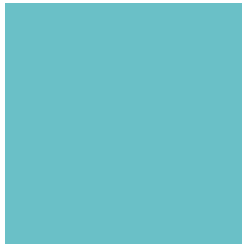
A30097



240021

Previews

White Background



This preview shows how the Hex color 6AC0C7 looks on a white background.

Color Contrast Check

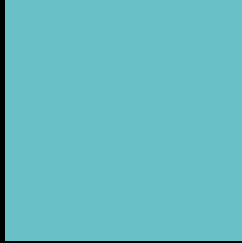
Large Text (above 18pt) WCAG AA × Fail

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 6AC0C7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

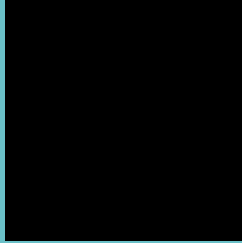
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

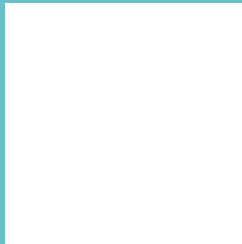
Any Text WCAG AAA ✓ Pass

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

Hex 6AC0C7 Background



This preview shows how black text looks on a background with the Hex color 6AC0C7.

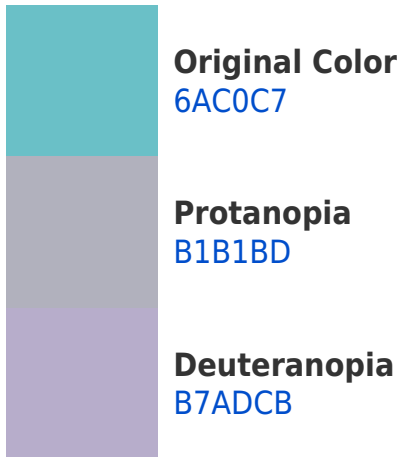


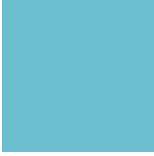
This preview shows how white text looks on a background with the Hex color 6AC0C7.

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](#).

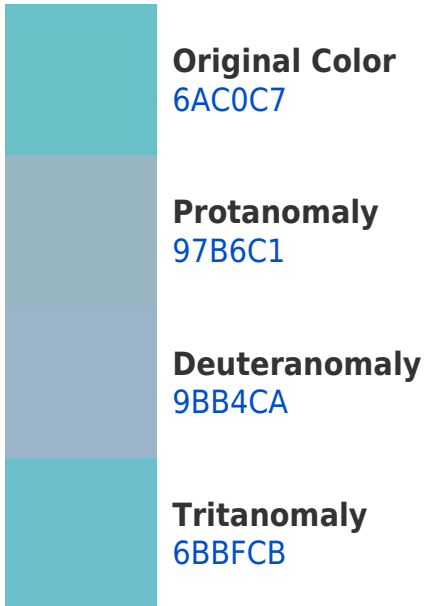
Dichromacy





Tritanopia
6CBFCE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6AC0C7 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 #6AC0C7 looks like.

```
.text, #text, p{  
    color:#6AC0C7  
}
```

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 #6AC0C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AC0C7
}
```

Border

The CSS property to change the border of an element to Hex 6AC0C7 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
#6AC0C7 }
```

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

```
.border{ border-color:#6AC0C7 }
```

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

Here you see how a box with a 4 pixel #6AC0C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AC0C7; -webkit-box-shadow:4px 4px  
4px 4px #6AC0C7; box-shadow:4px 4px 4px  
4px #6AC0C7 }
```

Background

The CSS property to change the background color of an element to Hex 6AC0C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AC0C7 }
```

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

```
.background{ background-color:#6AC0C7 }
```

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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