

Converting Colors

Hex(6AC6CE)

Have a look what the booklet for
Hex(6AC6CE) contains.

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Color

Hex(6AC6CE)

Conversions

Conversions Part 1

Format	Color
Hex	6AC6CE
RGB	106, 198, 206
RGB Percent	42%, 78%, 81%
CMY	0.5843, 0.2235, 0.1922
CMYK	0.49, 0.04, 0.00, 0.19
HSL	185°, 51%, 61%
HSV	185°, 49%, 81%
XYZ	37.2785, 47.9086, 65.6750
YIQ	171.4040, -57.4000, -17.0160

Conversions

Conversions Part 2

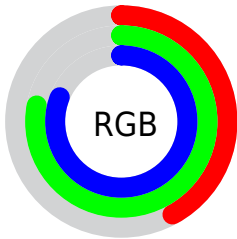
Format	Color
RYB	106, 154, 206
Decimal	6997710
CIELab	74.77, -25.24, -12.49
CIELCh	75, 28.162, 206.323
Yxy	47.9086, 0.2471, 0.3176
Android (android.graphics.Color)	4285187790 (0xFF6AC6CE)
YUV	171.4040, 17.0558, -57.3593
Hunter-Lab	69.2160, -24.9911, -7.8056

Details

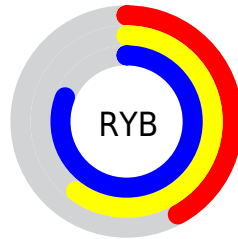
The Hex color **6AC6CE** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CE726A**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **A3FFFF**, and **2C9098** is the 20% darker color. If you saturate the color by 10%, you get **55C4CE**, and if you desaturate by 10%, it is **7FC8CE**.

Distribution



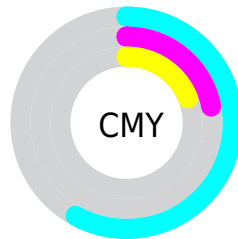
- Red (42%)
- Green (78%)
- Blue (81%)



- Red (42%)
- Yellow (60%)
- Blue (81%)



- Cyan (49%)
- Magenta (4%)
- Yellow (0%)
- Black (19%)



- Cyan (58%)
- Magenta (22%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AC6CE 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 6AC6CE by changing the saturation by 10% instead.

 6AC6CE

 6AC6CE

FFFFFF

 4DABB3

 A3FFFF

 2C9098

 C0FFFF

 00767E

 DEFFFF

 005D65

 FCFFFF

 00454D

 002E36

 001A21

 000008

 000000

 6AC6CE

 6AC6CE

 55C4CE

 7FC8CE

 41C3CE

 93C9CE

 2CC1CE

 A8CBCE

 18BFCE

 BCCDCE

 03BECE

 D1CECE

 00BECE

 E6D0CE

 FAD2CE

 FFD3CE

 FFD5CE

Harmonies

Analogous

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



79C6B4



6AC6CE



74C2E2

Triad

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



6AC6CE



D6AAD5



CEB584

Complementary

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



6AC6CE



CE726A

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.



E2AD8E



6AC6CE



E9A5BC

Square

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



6AC6CE



B8B2E6



ECA6A2



B3BD89

Rectangle

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



6AC6CE



87BEEA



ECA6A2



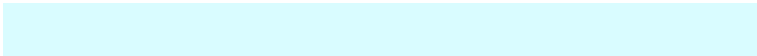
D6B286

Sweetspot

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



6AC6CE



D9FCFF



6ACE71



697E80



000000



808080

Same Dimension

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



6AC6CE



6BF3FF



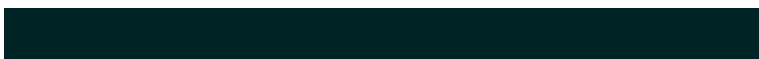
6A95CE



5C6566



0098A6



002326

Inverse Universe

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



CE6AC6



FF6BF3



CEA36A



665C65



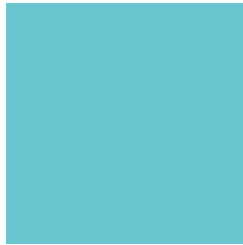
A60098



260023

Previews

White Background



This preview shows how the Hex color 6AC6CE looks on a white background.

Color Contrast Check

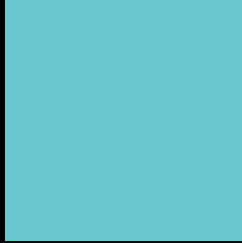
Large Text (above 18pt) WCAG AA × Fail

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 6AC6CE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

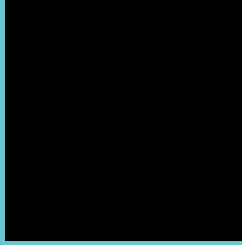
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

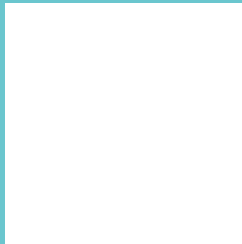
Any Text WCAG AAA ✓ Pass

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

Hex 6AC6CE Background



This preview shows how black text looks on a background with the Hex color 6AC6CE.



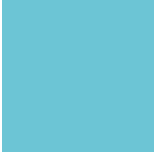
This preview shows how white text looks on a background with the Hex color 6AC6CE.

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



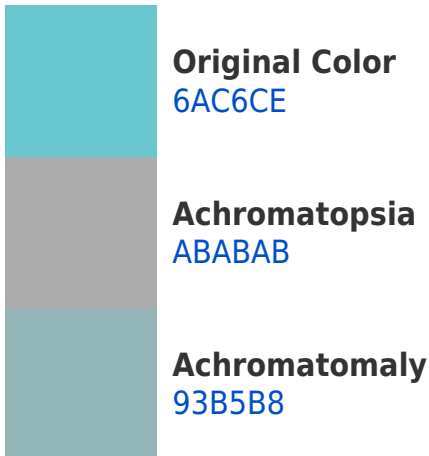


Tritanopia
6CC5D5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6AC6CE 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 #6AC6CE looks like.

```
.text, #text, p{  
    color:#6AC6CE  
}
```

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 #6AC6CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AC6CE
}
```

Border

The CSS property to change the border of an element to Hex 6AC6CE 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
#6AC6CE }
```

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

```
.border{ border-color:#6AC6CE }
```

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

Here you see how a box with a 4 pixel #6AC6CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AC6CE; -webkit-box-shadow:4px 4px  
4px 4px #6AC6CE; box-shadow:4px 4px 4px  
4px #6AC6CE }
```

Background

The CSS property to change the background color of an element to Hex 6AC6CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AC6CE }
```

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

```
.background{ background-color:#6AC6CE }
```

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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