

# Converting Colors

Hex(6AC8E7)

Have a look what the booklet for  
Hex(6AC8E7) contains.

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# **Color**

**Hex(6AC8E7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6AC8E7
RGB	106, 200, 231
RGB Percent	42%, 78%, 91%
CMY	0.5843, 0.2157, 0.0941
CMYK	0.54, 0.13, 0.00, 0.09
HSL	195°, 72%, 66%
HSV	195°, 54%, 91%
XYZ	41.0219, 50.1422, 83.1176
YIQ	175.4280, -65.9750, -10.2870

# Conversions

## Conversions Part 2

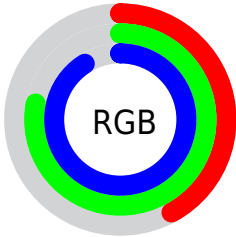
Format	Color
<a href="#">RYB</a>	<a href="#">106, 160, 231</a>
Decimal	<a href="#">6998247</a>
CIELab	<a href="#">76.16, -19.37, -23.89</a>
CIElCh	<a href="#">76, 30.758, 230.974</a>
Yxy	<a href="#">50.1422, 0.2354, 0.2877</a>
Android (android.graphics.Color)	<a href="#">4285188327 (0xFF6AC8E7)</a>
YUV	<a href="#">175.4280, 27.3970, -60.8884</a>
Hunter-Lab	<a href="#">70.8112, -20.5120, -20.0263</a>

# Details

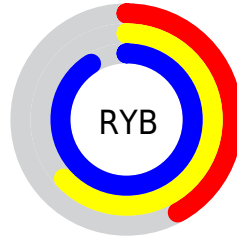
The Hex color **6AC8E7** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **E7896A**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **A5FFFF**, and **2792AF** is the 20% darker color. If you saturate the color by 10%, you get **53C2E7**, and if you desaturate by 10%, it is **81CEE7**.

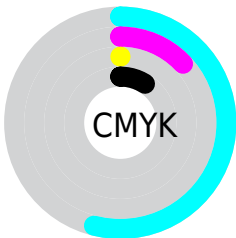
# Distribution



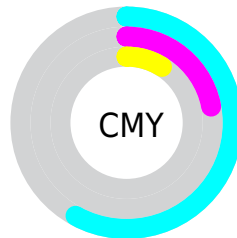
- Red (42%)
- Green (78%)
- Blue (91%)



- Red (42%)
- Yellow (63%)
- Blue (91%)



- Cyan (54%)
- Magenta (13%)
- Yellow (0%)
- Black (9%)



- Cyan (58%)
- Magenta (22%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6AC8E7 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 6AC8E7 by changing the saturation by 10% instead.



6AC8E7

6AC8E7

FFFFFF

4BADCB

A5FFFF

2792AF

C3FFFF

007895

E1FFFF

005F7B

004762

00314A

001D33

00021E

000000

■ 6AC8E7

■ 6AC8E7

■ 53C2E7

■ 81CEE7

■ 3CBDE7

■ 98D3E7

■ 25B7E7

■ AFD9E7

■ 0EB1E7

■ C6DFE7

■ 00AEE7

■ DEE5E7

■ F5EAE7

■ FFF0E7

■ FFF6E7

■ FFFCE7

# Harmonies

## Analogous

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



65CBCF



6AC8E7



8BC1F3

# Triad

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



6AC8E7



EEA8C6



BBC086

# Complementary

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



6AC8E7



E7896A

# 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.



D8B784



6AC8E7



F5A8A9

# Square

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



6AC8E7



D8AEE0



EDAE91



9BC797

# Rectangle

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



6AC8E7



A7BBF3



EDAE91



C6BD84

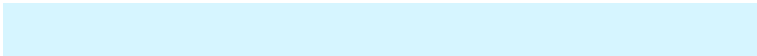


# Sweetspot

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



6AC8E7



D6F5FF



6AE787



677980



000000



808080



# Same Dimension

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



6AC8E7



59D6FF



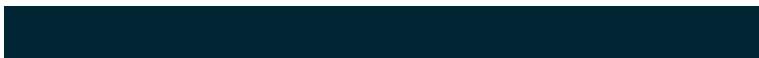
6A8BE7



677073



0086B3



002633



# Inverse Universe

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



E76AC8



FF59D6



E7C66A



736770



B30086

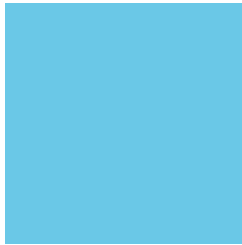


330026



# Previews

## White Background



This preview shows how the Hex color 6AC8E7 looks on a white background.

## Color Contrast Check

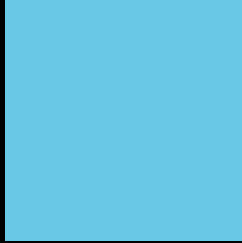
Large Text (above 18pt) WCAG AA × Fail

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 6AC8E7 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 6AC8E7 Background



This preview shows how black text looks on a background with the Hex color 6AC8E7.

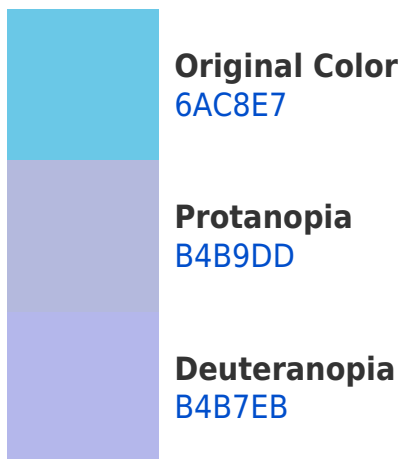


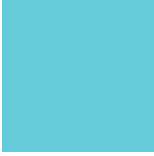
This preview shows how white text looks on a background with the Hex color 6AC8E7.

# Color Blindness Simulation

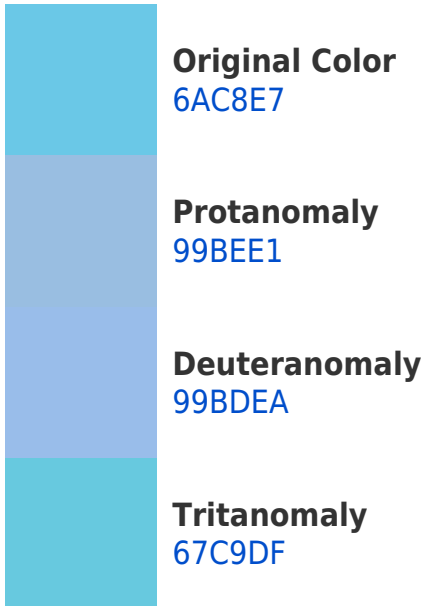
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

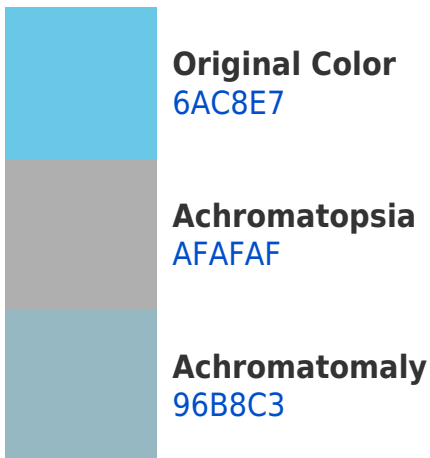




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6AC8E7 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 #6AC8E7 looks like.

```
.text, #text, p{  
    color:#6AC8E7  
}
```

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 #6AC8E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AC8E7
}
```

## Border

The CSS property to change the border of an element to Hex 6AC8E7 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
#6AC8E7 }
```

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

```
.border{ border-color:#6AC8E7 }
```

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

Here you see how a box with a 4 pixel #6AC8E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AC8E7; -webkit-box-shadow:4px 4px  
4px 4px #6AC8E7; box-shadow:4px 4px 4px  
4px #6AC8E7 }
```

# Background

The CSS property to change the background color of an element to Hex 6AC8E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AC8E7 }
```

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

```
.background{ background-color:#6AC8E7 }
```

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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