

Converting Colors

Hex(6ACCE0)

Have a look what the booklet for
Hex(6ACCE0) contains.

Hex(6ACCE0)	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(6ACCE0)

Conversions

Conversions Part 1

Format	Color
Hex	6ACCE0
RGB	106, 204, 224
RGB Percent	42%, 80%, 88%
CMY	0.5843, 0.2000, 0.1216
CMYK	0.53, 0.09, 0.00, 0.12
HSL	190°, 66%, 65%
HSV	190°, 53%, 88%
XYZ	40.9913, 51.6317, 78.3265
YIQ	176.9780, -64.8280, -14.5560

Conversions

Conversions Part 2

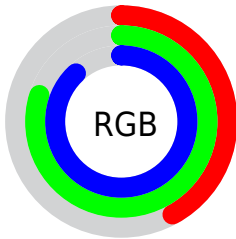
Format	Color
RYB	106, 160, 224
Decimal	6999264
CIELab	77.06, -23.36, -18.75
CIELCh	77, 29.955, 218.764
Yxy	51.6317, 0.2398, 0.3020
Android (android.graphics.Color)	4285189344 (0xFF6ACCE0)
YUV	176.9780, 23.1818, -62.2477
Hunter-Lab	71.8552, -23.9177, -14.3310

Details

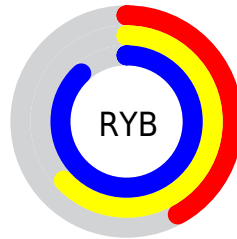
The Hex color **6ACCE0** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E07E6A**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **A5FFFF**, and **2896A9** is the 20% darker color. If you saturate the color by 10%, you get **54C8E0**, and if you desaturate by 10%, it is **80D0E0**.

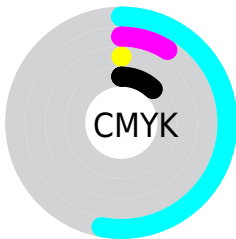
Distribution



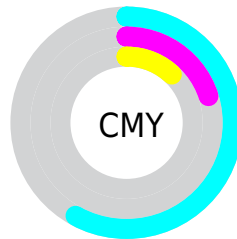
- Red (42%)
- Green (80%)
- Blue (88%)



- Red (42%)
- Yellow (63%)
- Blue (88%)



- Cyan (53%)
- Magenta (9%)
- Yellow (0%)
- Black (12%)



- Cyan (58%)
- Magenta (20%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6ACCE0 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 6ACCE0 by changing the saturation by 10% instead.

 6ACCE0

 6ACCE0

FFFFFF

 4BB0C4


 A5FFFF

 2896A9

 C2FFFF

 007C8E

 E0FFFF

 006275

FEFFFF

 004A5C

 003344

 00202E

 00011A

 000000

6ACCE0

6ACCE0

54C8E0

80D0E0

3DC4E0

97D4E0

27C1E0

ADD7E0

10BDE0

C4DBE0

00BAE0

DADFE0

F0E3E0

FFE7E0

FFEAEO

FFEEEE

Harmonies

Analogous

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



71CEC6



6ACCE0



80C7F1

Triad

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



6ACCE0



E9ACD3



CABF87

Complementary

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



6ACCE0



E07E6A

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.



E3B68B



6ACCE0



F6AAB7

Square

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



6ACCE0



CDB4EA



F3AE9D



ABC792

Rectangle

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



6ACCE0



99C1F5



F3AE9D



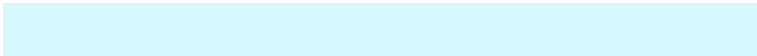
D3BC87

Sweetspot

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



6ACCE0



D6F8FF



6AE07E



677B80



000000



808080

Same Dimension

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



6ACCE0



5EE4FF



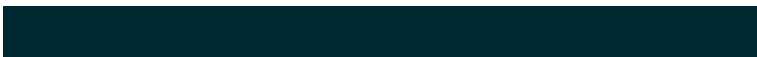
6A91E0



656E70



0092B0



002830

Inverse Universe

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



E06ACC



FF5EE4



E0B96A



70656E



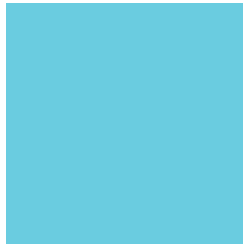
B00092



300028

Previews

White Background



This preview shows how the Hex color 6ACCE0 looks on a white background.

Color Contrast Check

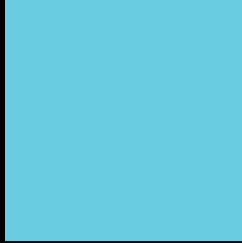
Large Text (above 18pt) WCAG AA × Fail

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 6ACCE0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

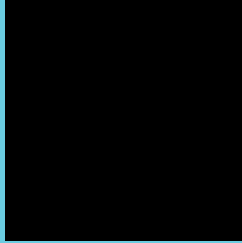
Any Text WCAG AA ✓ Pass

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 6ACCE0 Background



This preview shows how black text looks on a background with the Hex color 6ACCE0.

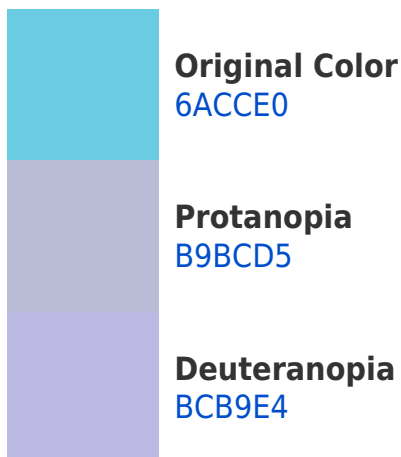


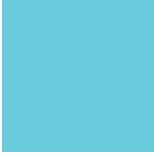
This preview shows how white text looks on a background with the Hex color 6ACCE0.

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
69CCDD

Trichromacy



Original Color
6ACCE0



Protanomaly
9CC2D9



Deuteranomaly
9EC0E3



Tritanomaly
69CCDE

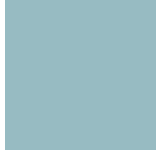
Monochromacy



Original Color
6ACCE0



Achromatopsia
B1B1B1



Achromatomaly
97BBC2

CSS Examples

Text

The CSS property to change the color of the text to Hex 6ACCE0 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 #6ACCE0 looks like.

```
.text, #text, p{  
    color:#6ACCE0  
}
```

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 #6ACCE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6ACCE0
}
```

Border

The CSS property to change the border of an element to Hex 6ACCE0 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
#6ACCE0 }
```

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

```
.border{ border-color:#6ACCE0 }
```

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

Here you see how a box with a 4 pixel #6ACCE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6ACCE0; -webkit-box-shadow:4px 4px  
4px 4px #6ACCE0; box-shadow:4px 4px 4px  
4px #6ACCE0 }
```

Background

The CSS property to change the background color of an element to Hex 6ACCE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6ACCE0 }
```

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

```
.background{ background-color:#6ACCE0 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor