

Converting Colors

Hex(88ACE0)

Have a look what the booklet for
Hex(88ACE0) contains.

Hex(88ACE0)	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(88ACE0)

Conversions

Conversions Part 1

Format	Color
Hex	88ACE0
RGB	136, 172, 224
RGB Percent	53%, 67%, 88%
CMY	0.4667, 0.3255, 0.1216
CMYK	0.39, 0.23, 0.00, 0.12
HSL	215°, 59%, 71%
HSV	215°, 39%, 88%
XYZ	38.3604, 40.1211, 76.2433
YIQ	167.1640, -38.1480, 8.5400

Conversions

Conversions Part 2

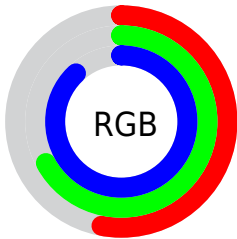
Format	Color
R _Y B	136, 162, 224
Decimal	8957152
CIE Lab	69.56, 0.73, -30.09
CIE LCh	70, 30.099, 271.387
Yxy	40.1211, 0.2479, 0.2593
Android (android.graphics.Color)	4287147232 (0xFF88ACE0)
YUV	167.1640, 28.0201, -27.3308
Hunter-Lab	63.3412, -2.7448, -27.0281

Details

The Hex color **88ACE0** is a light color, and the websafe version is hex **6699CC**, and the color name is **light cobalt blue**. A complement of this color would be **E0BC88**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **C0E3FF**, and **5278A9** is the 20% darker color. If you saturate the color by 10%, you get **729FE0**, and if you desaturate by 10%, it is **9EB9E0**.

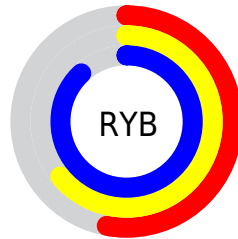
Distribution



Red (53%)

Green (67%)

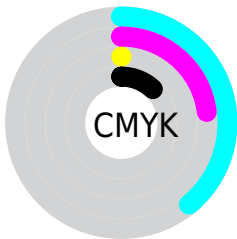
Blue (88%)



Red (53%)

Yellow (64%)

Blue (88%)

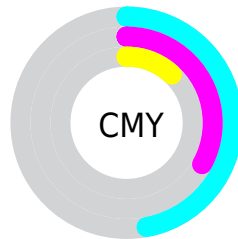


Cyan (39%)

Magenta (23%)

Yellow (0%)

Black (12%)



Cyan (47%)

Magenta (33%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 88ACE0 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 88ACE0 by changing the saturation by 10% instead.

 88ACE0

 88ACE0

FFFFFF

 6D92C4

 C0E3FF

 5278A9

 DDFFFF

 365F8E

 FAFFFF

 174874

 00325B

 001D44

 00032D

 000118

 000000

■ 88ACE0

■ 88ACE0

■ 729FE0

■ 9EB9E0

■ 5B92E0

■ B5C6E0

■ 4584E0

■ CBD4E0

■ 2E77E0

■ E2E1E0

■ 186AE0

■ F8EEE0

■ 025DE0

■ FFFBE0

■ 005CE0

■ FFFF00

Harmonies

Analogous

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



62B4D9



88ACE0



AFA2D8

Triad

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



88ACE0



DF988F



7FB68F

Complementary

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



88ACE0



E0BC88

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.



9FB17B



88ACE0



D39F7B

Square

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



88ACE0



DE96AA



BCA973



61B9AA

Rectangle

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



88ACE0



C59CCC



BCA973



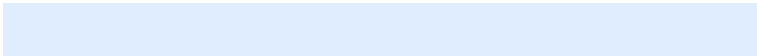
8AB587

Sweetspot

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



88ACE0



E0EDFF



88E0BB



6E7580



000000



808080

Same Dimension

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



88ACE0



87B8FF



8F88E0



656A70



0048B0



001430

Inverse Universe

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



E088AC



FF87B8



D9E088



70656A



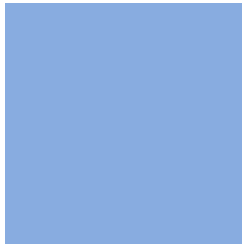
B00048



300014

Previews

White Background



This preview shows how the Hex color 88ACE0 looks on a white background.

Color Contrast Check

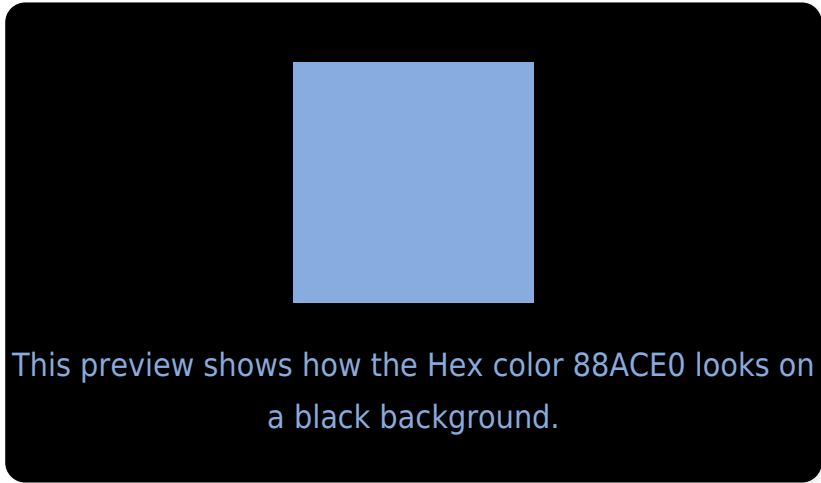
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

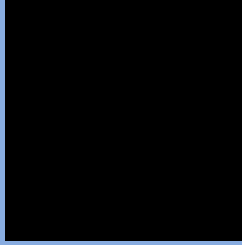
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

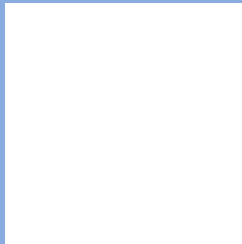
Any Text WCAG AAA ✓ Pass

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

Hex 88ACE0 Background



This preview shows how black text looks on a background with the Hex color 88ACE0.

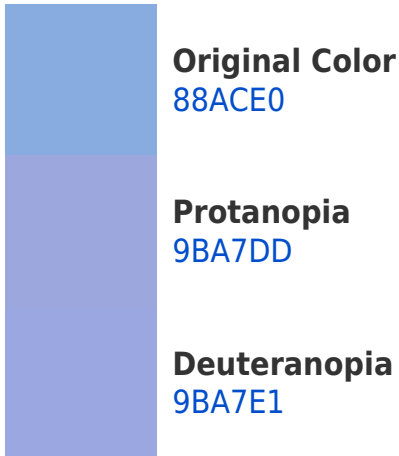


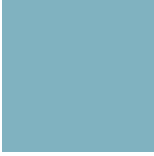
This preview shows how white text looks on a background with the Hex color 88ACE0.

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](#).

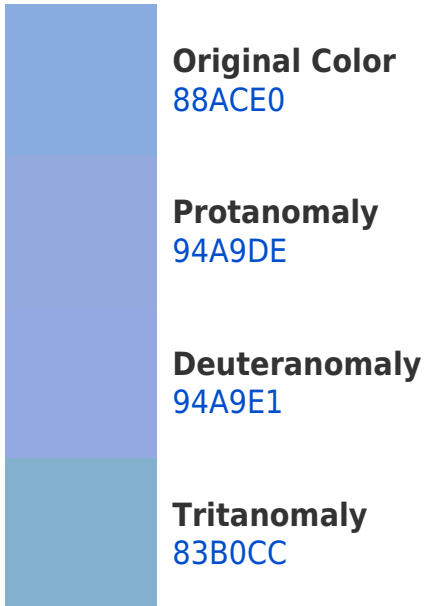
Dichromacy



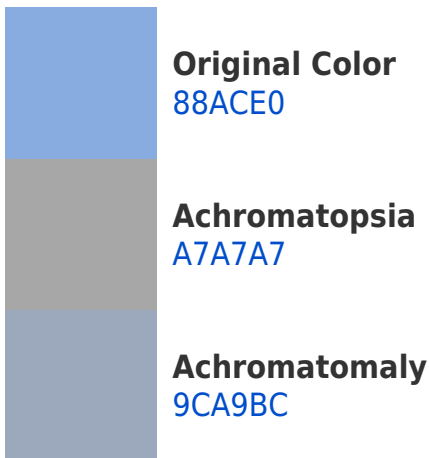


Tritanopia
80B2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 88ACE0 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 #88ACE0 looks like.

```
.text, #text, p{  
    color:#88ACE0  
}
```

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 #88ACE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88ACE0  
}
```

Border

The CSS property to change the border of an element to Hex 88ACE0 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  
#88ACE0 }
```

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

```
.border{ border-color:#88ACE0 }
```

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

Here you see how a box with a 4 pixel #88ACE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88ACE0; -webkit-box-shadow:4px 4px  
4px 4px #88ACE0; box-shadow:4px 4px 4px  
4px #88ACE0 }
```

Background

The CSS property to change the background color of an element to Hex 88ACE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88ACE0 }
```

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

```
.background{ background-color:#88ACE0 }
```

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