

# Converting Colors

Hex(8AC7E5)

Have a look what the booklet for  
Hex(8AC7E5) contains.

<b>Hex(8AC7E5)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(8AC7E5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8AC7E5
RGB	138, 199, 229
RGB Percent	54%, 78%, 90%
CMY	0.4588, 0.2196, 0.1020
CMYK	0.40, 0.13, 0.00, 0.10
HSL	200°, 64%, 72%
HSV	200°, 40%, 90%
XYZ	45.0475, 51.9073, 81.7736
YIQ	184.1810, -45.9860, -3.6020

# Conversions

## Conversions Part 2

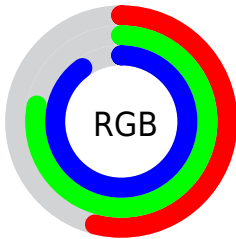
Format	Color
R <sub>Y</sub> B	138, 175, 229
Decimal	9095141
CIE Lab	77.23, -12.00, -21.06
CIE LCh	77, 24.239, 240.330
Yxy	51.9073, 0.2520, 0.2904
Android (android.graphics.Color)	4287285221 (0xFF8AC7E5)
YUV	184.1810, 22.0958, -40.5007
Hunter-Lab	72.0467, -14.4738, -16.8619

# Details

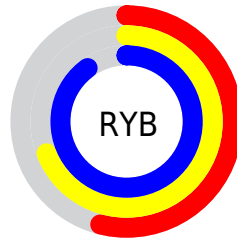
The Hex color **8AC7E5** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E5A88A**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **C2FFFF**, and **5391AD** is the 20% darker color. If you saturate the color by 10%, you get **73BFE5**, and if you desaturate by 10%, it is **A1CFE5**.

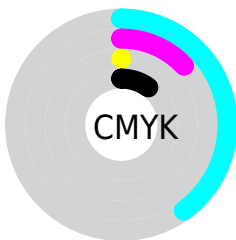
# Distribution



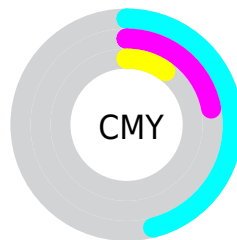
- Red (54%)
- Green (78%)
- Blue (90%)



- Red (54%)
- Yellow (69%)
- Blue (90%)



- Cyan (40%)
- Magenta (13%)
- Yellow (0%)
- Black (10%)



- Cyan (46%)
- Magenta (22%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8AC7E5 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 8AC7E5 by changing the saturation by 10% instead.



8AC7E5

8AC7E5

FFFFFF

6EACC9

C2FFFF

5391AD

DFFFFF

367793

FDFFFF

155F79

004760

003148

001C32

00021D

000000

8AC7E5

8AC7E5

73BFE5

A1CFE5

5CB8E5

B8D6E5

45B0E5

CFDEE5

2EA9E5

E6E5E5

17A1E5

FCEDE5

019AE5

FFF4E5

009AE5

FFFCE5

FFFFE5

# Harmonies

## Analogous

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



7FCBD5



8AC7E5



A4C1EB

# Triad

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



8AC7E5



EBAFBF



B7C498

# Complementary

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



8AC7E5



E5A88A

# 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.



CFBD92



8AC7E5



ECB0A9

# Square

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



8AC7E5



DCB2D5



E2B698



9DC9A8

# Rectangle

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



8AC7E5



B9BBE9



E2B698



C0C294

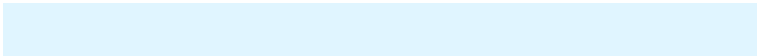


# Sweetspot

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



8AC7E5



E0F5FF



8AE5A7



6E7A80



000000



808080

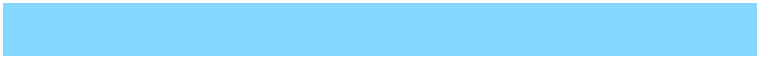


# Same Dimension

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



8AC7E5



85D7FF



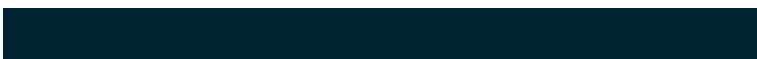
8A9BE5



676F73



0078B3



002233



# Inverse Universe

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



E58AC7



FF85D7



E5D48A



73676F



B30078

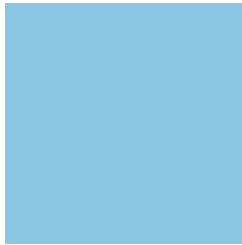


330022



# Previews

## White Background



This preview shows how the Hex color 8AC7E5 looks on a white background.

## Color Contrast Check

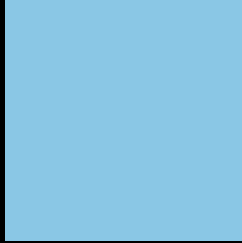
Large Text (above 18pt) WCAG AA × Fail

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 8AC7E5 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 8AC7E5 Background



This preview shows how black text looks on a background with the Hex color 8AC7E5.

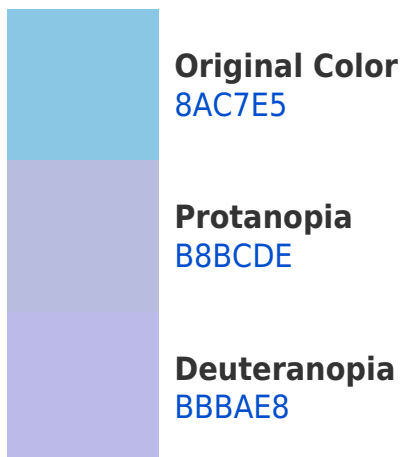


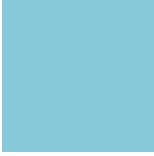
This preview shows how white text looks on a background with the Hex color 8AC7E5.

# 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](#).

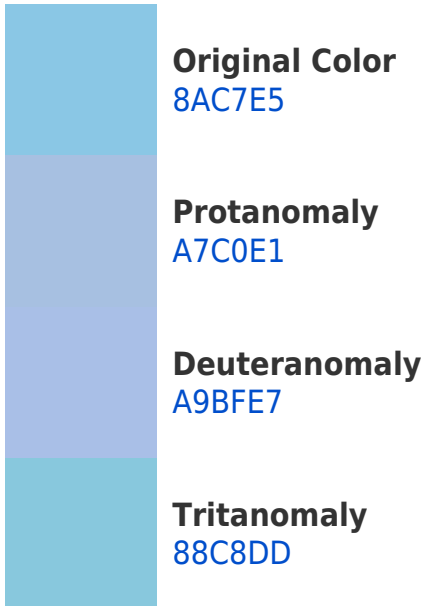
## Dichromacy



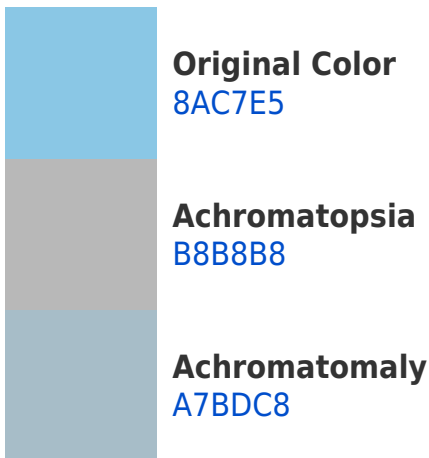


**Tritanopia**  
87C9D9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8AC7E5 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 #8AC7E5 looks like.

```
.text, #text, p{  
    color:#8AC7E5  
}
```

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 #8AC7E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AC7E5
}
```

## Border

The CSS property to change the border of an element to Hex 8AC7E5 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
#8AC7E5 }
```

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

```
.border{ border-color:#8AC7E5 }
```

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

Here you see how a box with a 4 pixel #8AC7E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AC7E5; -webkit-box-shadow:4px 4px  
4px 4px #8AC7E5; box-shadow:4px 4px 4px  
4px #8AC7E5 }
```

# Background

The CSS property to change the background color of an element to Hex 8AC7E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AC7E5 }
```

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

```
.background{ background-color:#8AC7E5 }
```

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