

Converting Colors

Hex(8AC5E4)

Have a look what the booklet for
Hex(8AC5E4) contains.

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Color

Hex(8AC5E4)

Conversions

Conversions Part 1

Format	Color
Hex	8AC5E4
RGB	138, 197, 228
RGB Percent	54%, 77%, 89%
CMY	0.4588, 0.2275, 0.1059
CMYK	0.39, 0.14, 0.00, 0.11
HSL	201°, 62%, 72%
HSV	201°, 39%, 89%
XYZ	44.4511, 50.9372, 80.8878
YIQ	182.8930, -45.1150, -2.8670

Conversions

Conversions Part 2

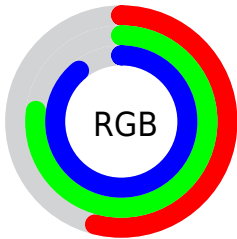
Format	Color
RYB	138, 174, 228
Decimal	9094628
CIELab	76.64, -11.21, -21.41
CIElCh	77, 24.166, 242.369
Yxy	50.9372, 0.2522, 0.2890
Android (android.graphics.Color)	4287284708 (0xFF8AC5E4)
YUV	182.8930, 22.2378, -39.3712
Hunter-Lab	71.3703, -13.7241, -17.2373

Details

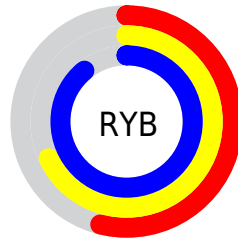
The Hex color **8AC5E4** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E4A98A**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **C2FEFF**, and **538FAD** is the 20% darker color. If you saturate the color by 10%, you get **73BDE4**, and if you desaturate by 10%, it is **A1CDE4**.

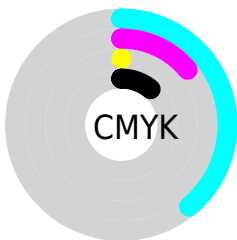
Distribution



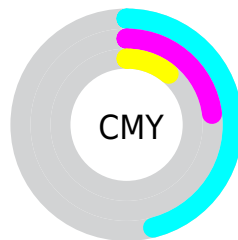
- Red (54%)
- Green (77%)
- Blue (89%)



- Red (54%)
- Yellow (68%)
- Blue (89%)



- Cyan (39%)
- Magenta (14%)
- Yellow (0%)
- Black (11%)



- Cyan (46%)
- Magenta (23%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8AC5E4 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 8AC5E4 by changing the saturation by 10% instead.

 8AC5E4

 8AC5E4

FFFFFF

 6EAAC8

 C2FEFF

 538FAD

 DFFFFFF

 377692

FDFFFF

 165D78

 00455F

 002F47

 001B31

 00021C

 000000

 8AC5E4

 8AC5E4

 73BDE4

 A1CDE4

 5CB5E4

 B8D5E4

 46ADE4

 CEDDE4

 2FA6E4

 E5E4E4

 189EE4

 FCECE4

 0196E4

 FFF4E4

 0095E4

 FFFCE4

 FFFFE4

Harmonies

Analogous

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



7EC9D4



8AC5E4



A5BFE9

Triad

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



8AC5E4



E9ADBC



B4C397

Complementary

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



8AC5E4



E4A98A

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.



CCBC91



8AC5E4



EAAFA6

Square

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



8AC5E4



DCB0D2



E0B596



9AC8A8

Rectangle

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



8AC5E4



B9B9E6



E0B596



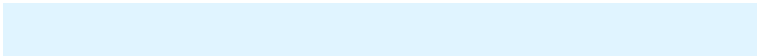
BCC194

Sweetspot

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



8AC5E4



E0F4FF



8AE4A8



6E7980



000000



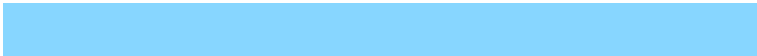
808080

Same Dimension

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



8AC5E4



87D6FF



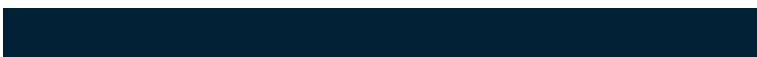
8A99E4



676F73



0075B3



002133

Inverse Universe

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



E48AC5



FF87D6



E4D58A



73676F



B30075



330021

Previews

White Background



This preview shows how the Hex color 8AC5E4 looks on a white background.

Color Contrast Check

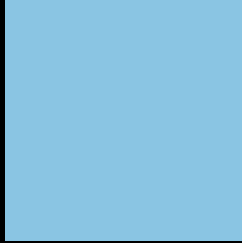
Large Text (above 18pt) WCAG AA × Fail

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 8AC5E4 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 8AC5E4 Background



This preview shows how black text looks on a background with the Hex color 8AC5E4.

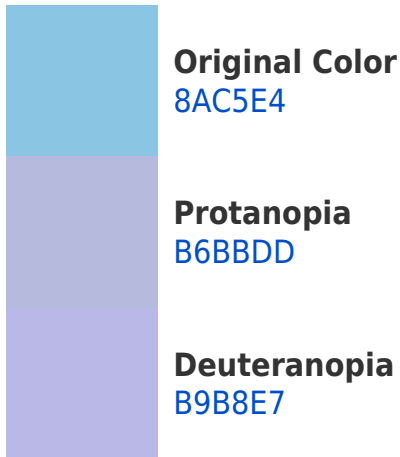


This preview shows how white text looks on a background with the Hex color 8AC5E4.

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](#).

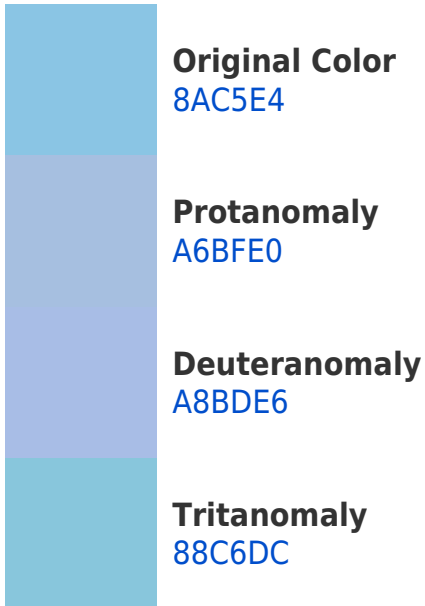
Dichromacy



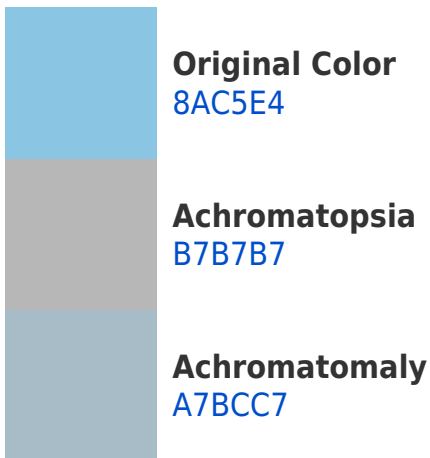


Tritanopia
87C7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8AC5E4 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 #8AC5E4 looks like.

```
.text, #text, p{  
    color:#8AC5E4  
}
```

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 #8AC5E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AC5E4
}
```

Border

The CSS property to change the border of an element to Hex 8AC5E4 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
#8AC5E4 }
```

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

```
.border{ border-color:#8AC5E4 }
```

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

Here you see how a box with a 4 pixel #8AC5E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AC5E4; -webkit-box-shadow:4px 4px  
4px 4px #8AC5E4; box-shadow:4px 4px 4px  
4px #8AC5E4 }
```

Background

The CSS property to change the background color of an element to Hex 8AC5E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AC5E4 }
```

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

```
.background{ background-color:#8AC5E4 }
```

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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