

Converting Colors

Hex(8AAED8)

Have a look what the booklet for
Hex(8AAED8) contains.

Hex(8AAED8)	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(8AAED8)

Conversions

Conversions Part 1

Format	Color
Hex	8AAED8
RGB	138, 174, 216
RGB Percent	54%, 68%, 85%
CMY	0.4588, 0.3176, 0.1529
CMYK	0.36, 0.19, 0.00, 0.15
HSL	212°, 50%, 69%
HSV	212°, 36%, 85%
XYZ	38.0120, 40.6332, 70.8053
YIQ	168.0240, -34.9380, 5.4300

Conversions

Conversions Part 2

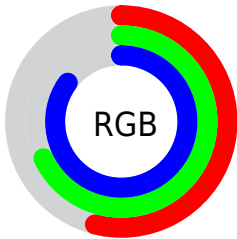
Format	Color
RYB	138, 163, 216
Decimal	9088728
CIELab	69.92, -1.96, -25.14
CIELCh	70, 25.215, 265.551
Yxy	40.6332, 0.2543, 0.2719
Android (android.graphics.Color)	4287278808 (0xFF8AAED8)
YUV	168.0240, 23.6522, -26.3310
Hunter-Lab	63.7442, -5.1092, -21.2367

Details

The Hex color **8AAED8** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D8B48A**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **C1E5FF**, and **557AA1** is the 20% darker color. If you saturate the color by 10%, you get **74A2D8**, and if you desaturate by 10%, it is **A0BAD8**.

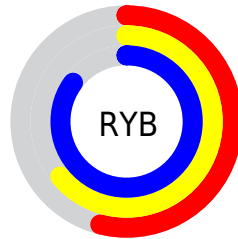
Distribution



Red (54%)

Green (68%)

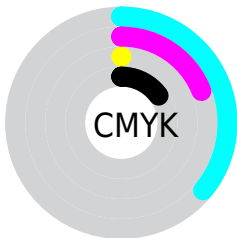
Blue (85%)



Red (54%)

Yellow (64%)

Blue (85%)

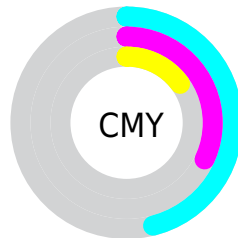


Cyan (36%)

Magenta (19%)

Yellow (0%)

Black (15%)



Cyan (46%)

Magenta (32%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8AAED8 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 8AAED8 by changing the saturation by 10% instead.

■ 8AAED8

■ 8AAED8

FFFFFF

■ 6F93BC

■ C1E5FF

■ 557AA1

■ DEFFFF

■ 3A6187

■ FBFFFF

■ 1E496D

■ 003355

■ 001E3D

■ 000328

■ 000111

■ 000000

 8AAED8

 8AAED8

 74A2D8

 A0BAD8

 5F97D8

 B5C5D8

 498BD8

 CBD1D8

 347FD8

 E0DDD8

 1E74D8

 F6E8D8

 0868D8

 FFF4D8

 0064D8

 FFFF80

Harmonies

Analogous

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



70B4D0



8AAED8



AAA6D4

Triad

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



8AAED8



D99B98



8DB590

Complementary

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



8AAED8



D8B48A

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.



A7AF81



8AAED8



D1A186

Square

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



8AAED8



D69BAF



BFA87D



75B8A7

Rectangle

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



8AAED8



BDA1CB



BFA87D



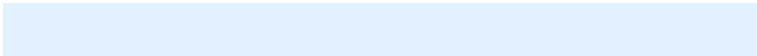
95B38A

Sweetspot

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



8AAED8



E3F0FF



8AD8B4



6F7780



000000



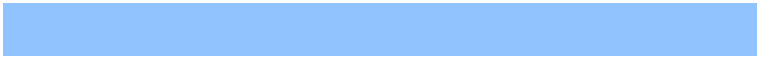
808080

Same Dimension

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



8AAED8



91C4FF



8D8AD8



60656B



004FAB



00142B

Inverse Universe

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



D88AAE



FF91C4



D5D88A



6B6065



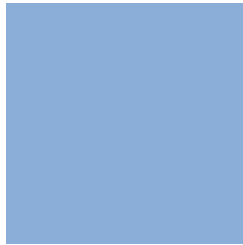
AB004F



2B0014

Previews

White Background



This preview shows how the Hex color 8AAED8 looks on a white background.

Color Contrast Check

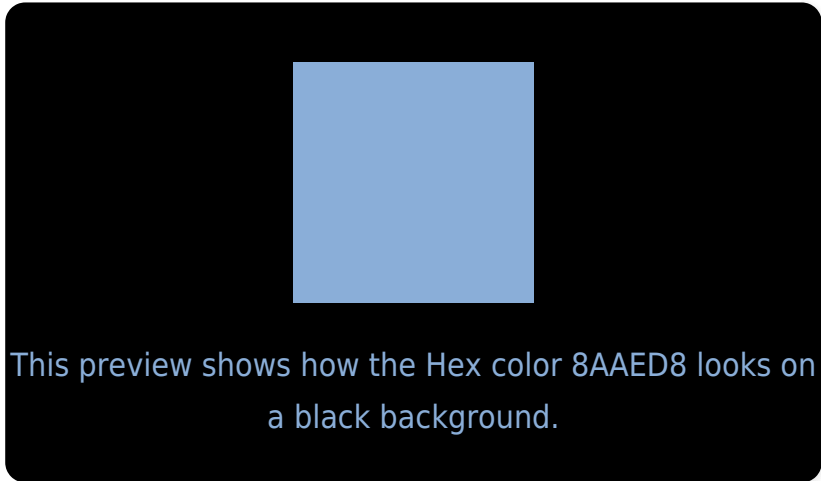
Large Text (above 18pt) WCAG AA × Fail

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

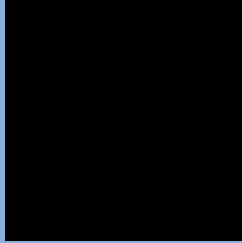
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

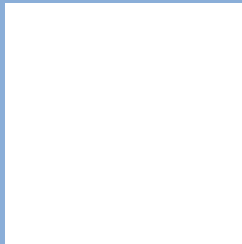
Any Text WCAG AAA ✓ Pass

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

Hex 8AAED8 Background



This preview shows how black text looks on a background with the Hex color 8AAED8.

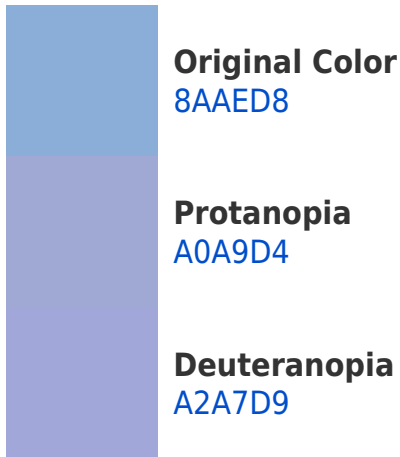


This preview shows how white text looks on a background with the Hex color 8AAED8.

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](#).

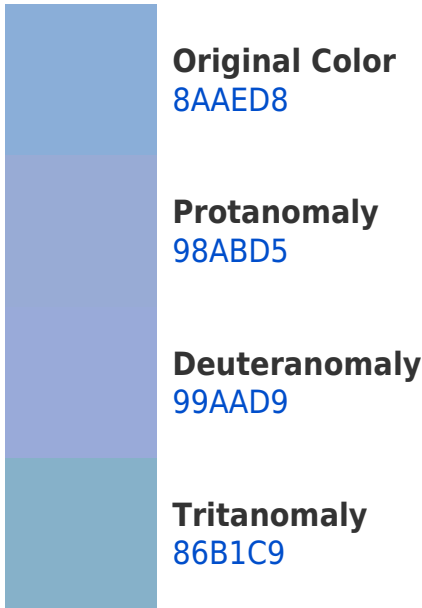
Dichromacy



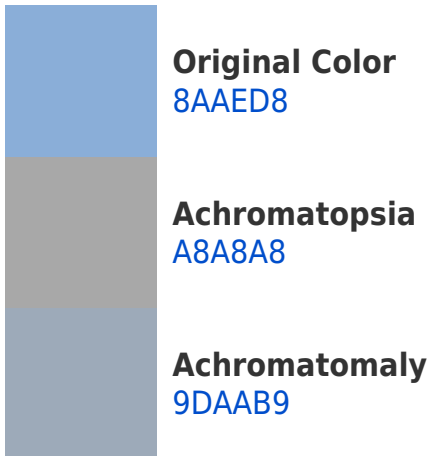


Tritanopia
84B2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8AAED8 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 #8AAED8 looks like.

```
.text, #text, p{  
    color:#8AAED8  
}
```

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 #8AAED8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AAED8
}
```

Border

The CSS property to change the border of an element to Hex 8AAED8 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
#8AAED8 }
```

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

```
.border{ border-color:#8AAED8 }
```

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

Here you see how a box with a 4 pixel #8AAED8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AAED8; -webkit-box-shadow:4px 4px  
4px 4px #8AAED8; box-shadow:4px 4px 4px  
4px #8AAED8 }
```

Background

The CSS property to change the background color of an element to Hex 8AAED8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AAED8 }
```

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

```
.background{ background-color:#8AAED8 }
```

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