

Converting Colors

Hex(8AAAE2)

Have a look what the booklet for
Hex(8AAAE2) contains.

Hex(8AAAE2)	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(8AAAE2)

Conversions

Conversions Part 1

Format	Color
Hex	8AAAE2
RGB	138, 170, 226
RGB Percent	54%, 67%, 89%
CMY	0.4588, 0.3333, 0.1137
CMYK	0.39, 0.25, 0.00, 0.11
HSL	218°, 60%, 71%
HSV	218°, 39%, 89%
XYZ	38.5834, 39.6437, 77.5699
YIQ	166.8160, -37.0480, 10.6320

Conversions

Conversions Part 2

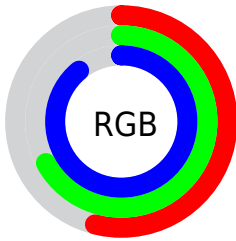
Format	Color
RYB	138, 161, 226
Decimal	9087714
CIELab	69.22, 2.91, -31.70
CIElCh	69, 31.836, 275.248
Yxy	39.6437, 0.2477, 0.2545
Android (android.graphics.Color)	4287277794 (0xFF8AAAE2)
YUV	166.8160, 29.1777, -25.2716
Hunter-Lab	62.9633, -0.8022, -28.9703

Details

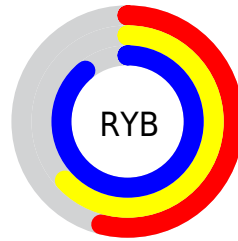
The Hex color **8AAAE2** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **E2C28A**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **C2E1FF**, and **5476AA** is the 20% darker color. If you saturate the color by 10%, you get **739CE2**, and if you desaturate by 10%, it is **A1B8E2**.

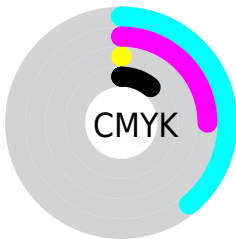
Distribution



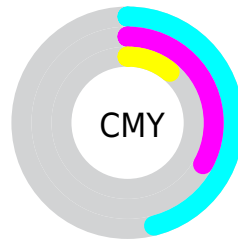
- Red (54%)
- Green (67%)
- Blue (89%)



- Red (54%)
- Yellow (63%)
- Blue (89%)



- Cyan (39%)
- Magenta (25%)
- Yellow (0%)
- Black (11%)



- Cyan (46%)
- Magenta (33%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8AAAE2 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 8AAAE2 by changing the saturation by 10% instead.

■ 8AAAE2

■ 8AAAE2

FFFFFF

■ 6F90C6

■ C2E1FF

■ 5476AA

■ DFFEFF

■ 385E90

■ FCFFFF

■ 1A4676

■ 00305D

■ 001C45

■ 00042F

■ 000119

■ 000000

■ 8AAAE2

■ 8AAAE2

■ 739CE2

■ A1B8E2

■ 5D8DE2

■ B7C7E2

■ 467FE2

■ CED5E2

■ 3070E2

■ E4E4E2

■ 1962E2

■ FBF2E2

■ 0254E2

■ FFFFE2

■ 0052E2

Harmonies

Analogous

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



5FB2DD



8AAAE2



B3A0D8

Triad

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



8AAAE2



E09789



77B790

Complementary

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



8AAAE2



E2C28A

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.



99B179



8AAAE2



D19F75

Square

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



8AAAE2



E193A5



B8A96F



56B9AD

Rectangle

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



8AAAE2



C999CA



B8A96F



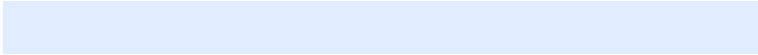
82B587

Sweetspot

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



8AAAE2



E0ECFF



8AE2C2



6E7480



000000



808080

Same Dimension

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



8AAAE2



87B3FF



968AE2



656970



0040B0



001230

Inverse Universe

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



E28AAA



FF87B3



D6E28A



706569



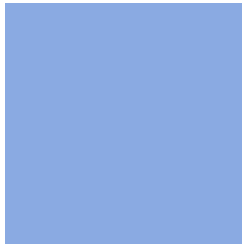
B00040



300012

Previews

White Background



This preview shows how the Hex color 8AAAE2 looks on a white background.

Color Contrast Check

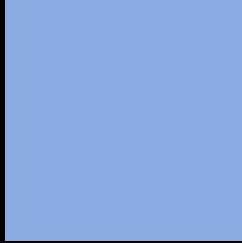
Large Text (above 18pt) WCAG AA × Fail

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 8AAAE2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

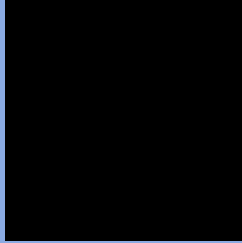
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

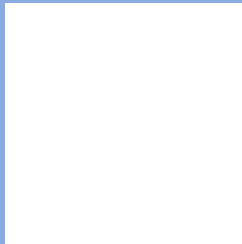
Any Text WCAG AAA ✓ Pass

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

Hex 8AAAE2 Background



This preview shows how black text looks on a background with the Hex color 8AAAE2.



This preview shows how white text looks on a background with the Hex color 8AAAE2.

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



Original Color
8AAA E2

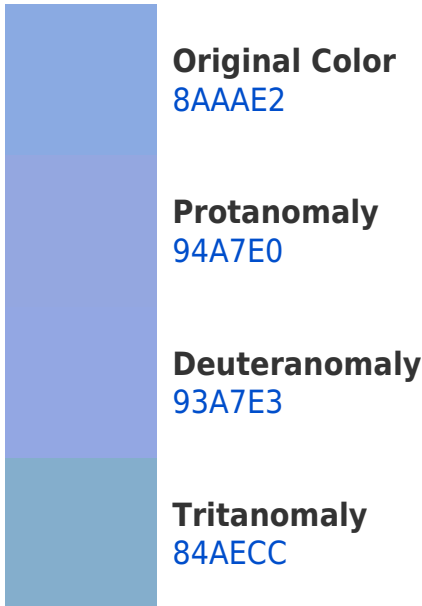
Protanopia
99A6DF

Deuteranopia
98A6E3

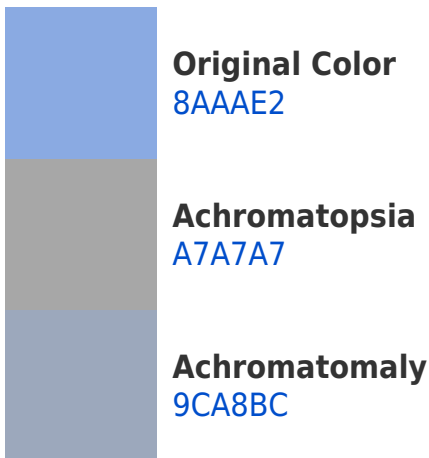


Tritanopia
81B0BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8AAAE2 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 #8AAAE2 looks like.

```
.text, #text, p{  
    color:#8AAAE2  
}
```

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 #8AAAE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AAAE2
}
```

Border

The CSS property to change the border of an element to Hex 8AAAE2 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
#8AAAE2 }
```

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

```
.border{ border-color:#8AAAE2 }
```

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

Here you see how a box with a 4 pixel #8AAAE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AAAE2; -webkit-box-shadow:4px 4px  
4px 4px #8AAAE2; box-shadow:4px 4px 4px  
4px #8AAAE2 }
```

Background

The CSS property to change the background color of an element to Hex 8AAAE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AAAE2 }
```

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

```
.background{ background-color:#8AAAE2 }
```

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