

Converting Colors

Hex(8AA6E6)

Have a look what the booklet for
Hex(8AA6E6) contains.

Hex(8AA6E6)	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(8AA6E6)

Conversions

Conversions Part 1

Format	Color
Hex	8AA6E6
RGB	138, 166, 230
RGB Percent	54%, 65%, 90%
CMY	0.4588, 0.3490, 0.0980
CMYK	0.40, 0.28, 0.00, 0.10
HSL	222°, 65%, 72%
HSV	222°, 40%, 90%
XYZ	38.4004, 38.3889, 80.2488
YIQ	164.9240, -37.2320, 13.9680

Conversions

Conversions Part 2

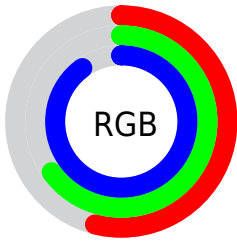
Format	Color
RYB	138, 159, 230
Decimal	9086694
CIELab	68.31, 6.24, -35.30
CIElCh	68, 35.850, 280.028
Yxy	38.3889, 0.2445, 0.2445
Android (android.graphics.Color)	4287276774 (0xFF8AA6E6)
YUV	164.9240, 32.0825, -23.6123
Hunter-Lab	61.9588, 2.2017, -33.4211

Details

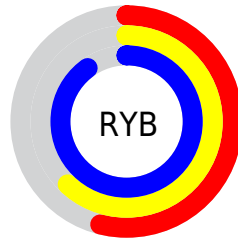
The Hex color **8AA6E6** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E6CA8A**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **C2DDFF**, and **5372AE** is the 20% darker color. If you saturate the color by 10%, you get **7396E6**, and if you desaturate by 10%, it is **A1B6E6**.

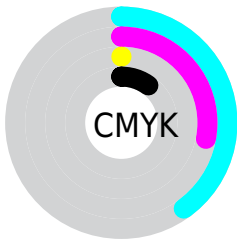
Distribution



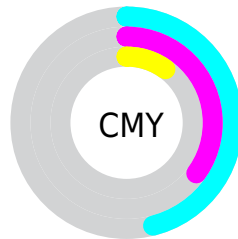
- Red (54%)
- Green (65%)
- Blue (90%)



- Red (54%)
- Yellow (62%)
- Blue (90%)



- Cyan (40%)
- Magenta (28%)
- Yellow (0%)
- Black (10%)



- Cyan (46%)
- Magenta (35%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8AA6E6 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 8AA6E6 by changing the saturation by 10% instead.

■ 8AA6E6

■ 8AA6E6

FFFFFF

■ 6F8CCA

■ C2DDFF

■ 5372AE

■ DFF9FF

■ 375A93

■ FCFFFF

■ 174379

■ 002D60

■ 001948

■ 000431

■ 00011B

■ 000000

■ 8AA6E6

■ 8AA6E6

■ 7396E6

■ A1B6E6

■ 5C86E6

■ B8C6E6

■ 4576E6

■ CFD6E6

■ 2E66E6

■ E6E6E6

■ 1756E6

■ FDF6E6

■ 0046E6

■ FFF6E6

Harmonies

Analogous

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



53B0E3



8AA6E6



B89AD8

Triad

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



8AA6E6



E2937E



66B68F

Complementary

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



8AA6E6



E6CA8A

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.



8EB174



8AA6E6



CF9D6A

Square

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



8AA6E6



E68D9D



B1A866



3BB8B1

Rectangle

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



8AA6E6



CF93C7



B1A866



74B585

Sweetspot

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



8AA6E6



E0EAFF



8AE6C9



6E7380



000000



808080

Same Dimension

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



8AA6E6



85AAFF



9B8AE6



676B73



0036B3



001033

Inverse Universe

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



E68AA6



FF85AA



D5E68A



73676B



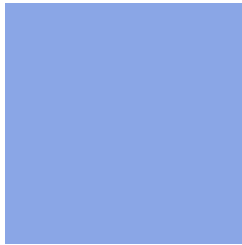
B30036



330010

Previews

White Background



This preview shows how the Hex color 8AA6E6 looks on a white background.

Color Contrast Check

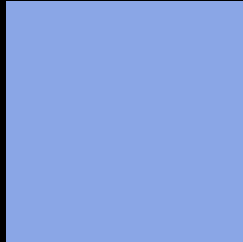
Large Text (above 18pt) WCAG AA × Fail

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 8AA6E6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

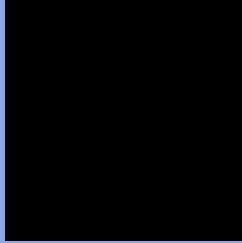
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

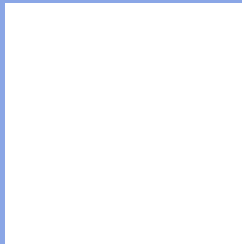
Any Text WCAG AAA ✓ Pass

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

Hex 8AA6E6 Background



This preview shows how black text looks on a background with the Hex color 8AA6E6.



This preview shows how white text looks on a background with the Hex color 8AA6E6.

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
8AA6E6

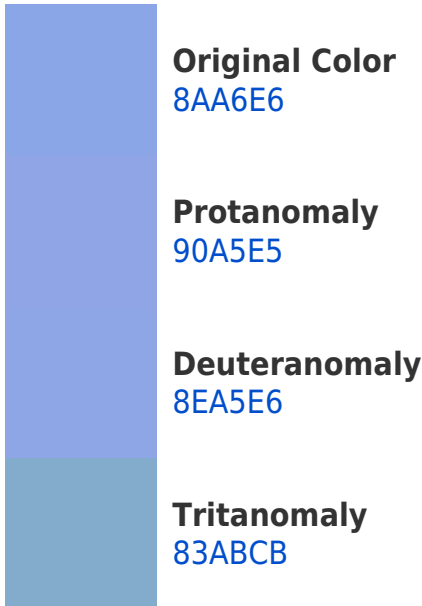
Protanopia
93A4E4

Deuteranopia
91A4E6

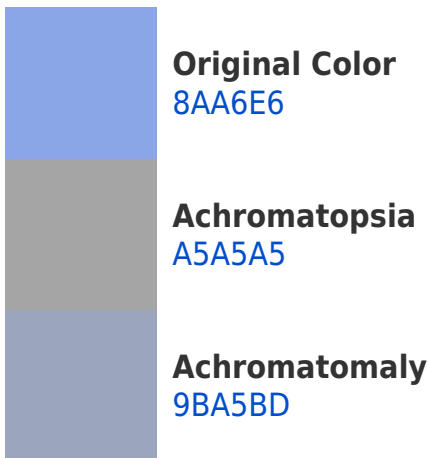


Tritanopia
7FAEBC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8AA6E6 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 #8AA6E6 looks like.

```
.text, #text, p{  
    color:#8AA6E6  
}
```

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 #8AA6E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AA6E6  
}
```

Border

The CSS property to change the border of an element to Hex 8AA6E6 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  
#8AA6E6 }
```

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

```
.border{ border-color:#8AA6E6 }
```

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

Here you see how a box with a 4 pixel #8AA6E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AA6E6; -webkit-box-shadow:4px 4px  
4px 4px #8AA6E6; box-shadow:4px 4px 4px  
4px #8AA6E6 }
```

Background

The CSS property to change the background color of an element to Hex 8AA6E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AA6E6 }
```

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

```
.background{ background-color:#8AA6E6 }
```

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