

# Converting Colors

Hex(86AAE4)

Have a look what the booklet for  
Hex(86AAE4) contains.

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# **Color**

**Hex(86AAE4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	86AAE4
RGB	134, 170, 228
RGB Percent	53%, 67%, 89%
CMY	0.4745, 0.3333, 0.1059
CMYK	0.41, 0.25, 0.00, 0.11
HSL	217°, 64%, 71%
HSV	217°, 41%, 89%
XYZ	38.2098, 39.4192, 78.9936
YIQ	165.8480, -40.0740, 10.4060

# Conversions

## Conversions Part 2

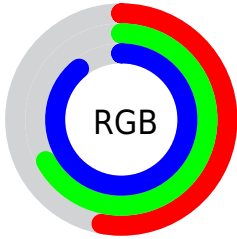
Format	Color
<a href="#">RYB</a>	<a href="#">134, 160, 228</a>
Decimal	<a href="#">8825572</a>
CIELab	<a href="#">69.05, 2.41, -33.07</a>
CIElCh	<a href="#">69, 33.154, 274.165</a>
Yxy	<a href="#">39.4192, 0.2440, 0.2517</a>
Android (android.graphics.Color)	<a href="#">4287015652</a> ( <a href="#">0xFF86AAE4</a> )
YUV	<a href="#">165.8480, 30.6409, -27.9307</a>
Hunter-Lab	<a href="#">62.7847, -1.2409, -30.6473</a>

# Details

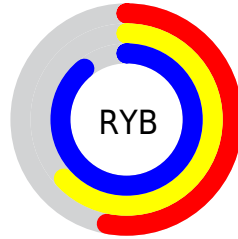
The Hex color **86AAE4** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **E4C086**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **BEE1FF**, and **4F76AC** is the 20% darker color. If you saturate the color by 10%, you get **6F9CE4**, and if you desaturate by 10%, it is **9DB8E4**.

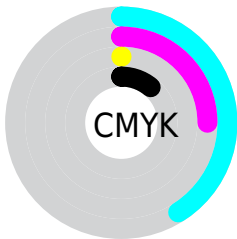
# Distribution



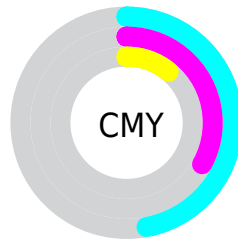
- Red (53%)
- Green (67%)
- Blue (89%)



- Red (53%)
- Yellow (63%)
- Blue (89%)



- Cyan (41%)
- Magenta (25%)
- Yellow (0%)
- Black (11%)



- Cyan (47%)
- Magenta (33%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 86AAE4 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 86AAE4 by changing the saturation by 10% instead.



■ 86AAE4

■ 86AAE4

FFFFFF

■ 6B90C8

■ BEE1FF

■ 4F76AC

■ DBFEFF

■ 335E92

■ F8FFFF

■ 104678

■ 00305F

■ 001C47

■ 000430

■ 00011A

■ 000000

86AAE4

86AAE4

6F9CE4

9DB8E4

588EE4

B4C6E4

4280E4

CAD4E4

2B72E4

E1E2E4

1464E4

F8F0E4

0057E4

FFFEE4

FFFFE4

# Harmonies

## Analogous

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



58B3DE



86AAE4



B29FDA

# Triad

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



86AAE4



E29588



75B78D

# Complementary

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



86AAE4



E4C086

# 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.



99B176



86AAE4



D39E73

# Square

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



86AAE4



E292A5



B9A86C



52B9AC

# Rectangle

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



86AAE4



C999CC



B9A86C



81B584

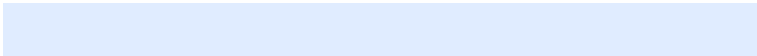


# Sweetspot

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



86AAE4



E0ECFF



86E4C0



6E7480



000000



808080



# Same Dimension

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



86AAE4



82B2FF



9186E4



676C73



0044B3



001433



# Inverse Universe

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



E486AA



FF82B2



D9E486



73676C



B30044

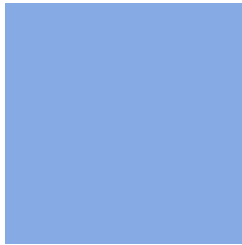


330014



# Previews

## White Background



This preview shows how the Hex color 86AAE4 looks on a white background.

## Color Contrast Check

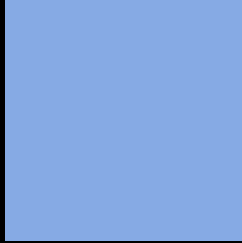
Large Text (above 18pt) WCAG AA × Fail

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 86AAE4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

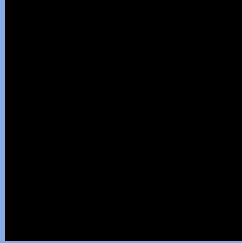
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

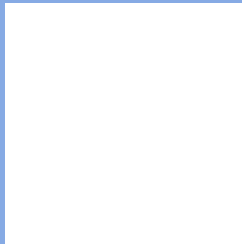
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 86AAE4 Background



This preview shows how black text looks on a background with the Hex color 86AAE4.



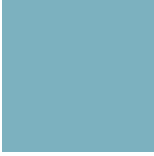
This preview shows how white text looks on a background with the Hex color 86AAE4.

# 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](#).

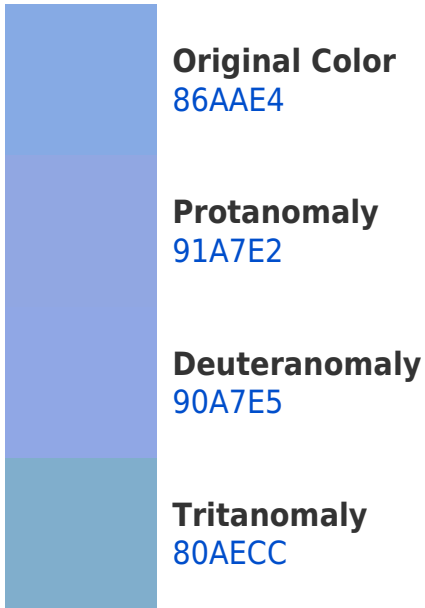
## Dichromacy



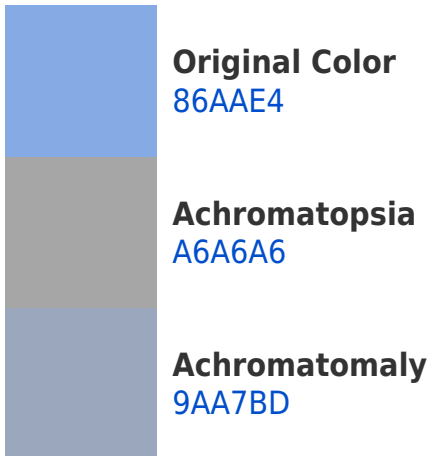


**Tritanopia**  
7CB1BF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 86AAE4 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 #86AAE4 looks like.

```
.text, #text, p{  
    color:#86AAE4  
}
```

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 #86AAE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86AAE4
}
```

## Border

The CSS property to change the border of an element to Hex 86AAE4 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
#86AAE4 }
```

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

```
.border{ border-color:#86AAE4 }
```

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

Here you see how a box with a 4 pixel #86AAE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86AAE4; -webkit-box-shadow:4px 4px  
4px 4px #86AAE4; box-shadow:4px 4px 4px  
4px #86AAE4 }
```

# Background

The CSS property to change the background color of an element to Hex 86AAE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86AAE4 }
```

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

```
.background{ background-color:#86AAE4 }
```

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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