

Converting Colors

Hex(86A0D8)

Have a look what the booklet for
Hex(86A0D8) contains.

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Color

Hex(86A0D8)

Conversions

Conversions Part 1

Format	Color
Hex	86A0D8
RGB	134, 160, 216
RGB Percent	53%, 63%, 85%
CMY	0.4745, 0.3725, 0.1529
CMYK	0.38, 0.26, 0.00, 0.15
HSL	221°, 51%, 69%
HSV	221°, 38%, 85%
XYZ	34.7970, 35.1678, 69.9198
YIQ	158.6100, -33.4720, 11.9040

Conversions

Conversions Part 2

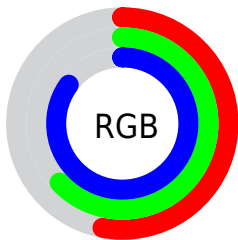
Format	Color
RYB	134, 154, 216
Decimal	8823000
CIELab	65.88, 4.76, -31.38
CIELCh	66, 31.736, 278.628
Yxy	35.1678, 0.2488, 0.2514
Android (android.graphics.Color)	4287013080 (0xFF86A0D8)
YUV	158.6100, 28.2933, -21.5830
Hunter-Lab	59.3025, 0.9594, -28.3934

Details

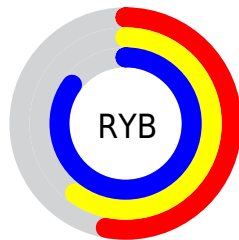
The Hex color **86A0D8** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D8BE86**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **BDD7FF**, and **506DA1** is the 20% darker color. If you saturate the color by 10%, you get **7091D8**, and if you desaturate by 10%, it is **9CAFD8**.

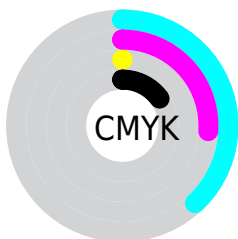
Distribution



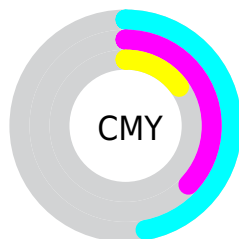
- Red (53%)
- Green (63%)
- Blue (85%)



- Red (53%)
- Yellow (60%)
- Blue (85%)



- Cyan (38%)
- Magenta (26%)
- Yellow (0%)
- Black (15%)



- Cyan (47%)
- Magenta (37%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86A0D8 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 86A0D8 by changing the saturation by 10% instead.

86A0D8

86A0D8

FFFFFF

6B86BC

BDD7FF

506DA1

DAF3FF

365587

F7FFFF

183E6D

002854

00143D

000327

000110

000000

 86A0D8

 86A0D8

 7091D8

 9CAFD8

 5B82D8

 B1BED8

 4574D8

 C7CCD8

 3065D8

 DCDBD8

 1A56D8

 F2EAD8

 0447D8

 FFF9D8

 0044D8

 FFFF80

Harmonies

Analogous

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



5AA9D4



86A0D8



AE96CD

Triad

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



86A0D8



D58F7E



6AAE8A

Complementary

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



86A0D8



D8BE86

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.



8CA973



86A0D8



C5976C

Square

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



86A0D8



D88A99



ABA167



4AB0A8

Rectangle

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



86A0D8



C390BE



ABA167



76AD82

Sweetspot

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



86A0D8



E3ECFF



86D8BD



6F7480



000000



808080

Same Dimension

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



86A0D8



8AAFFF



9486D8



60646B



0036AB



000E2B

Inverse Universe

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



D886A0



FF8AAF



CAD886



6B6064



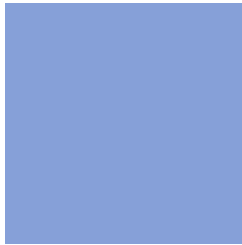
AB0036



2B000E

Previews

White Background



This preview shows how the Hex color 86A0D8 looks on a white background.

Color Contrast Check

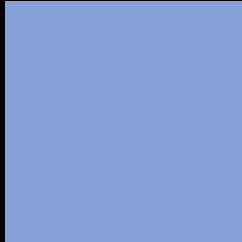
Large Text (above 18pt) WCAG AA × Fail

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 86A0D8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

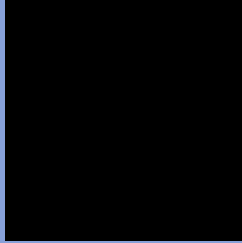
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

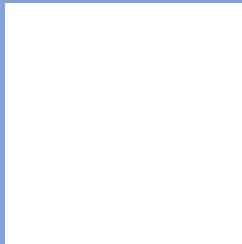
Any Text WCAG AAA ✓ Pass

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

Hex 86A0D8 Background



This preview shows how black text looks on a background with the Hex color 86A0D8.



This preview shows how white text looks on a background with the Hex color 86A0D8.

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
86A0D8

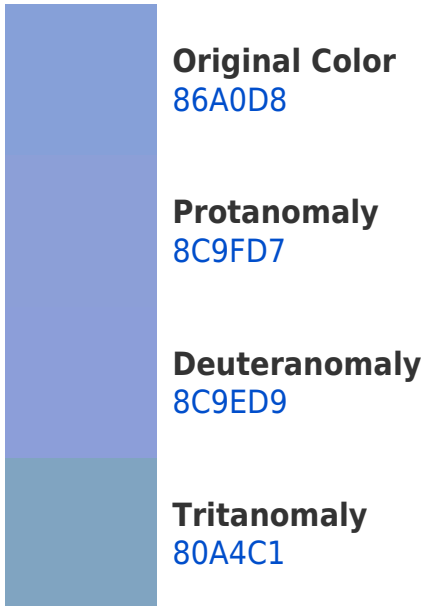
Protanopia
909ED6

Deuteranopia
8F9DD9

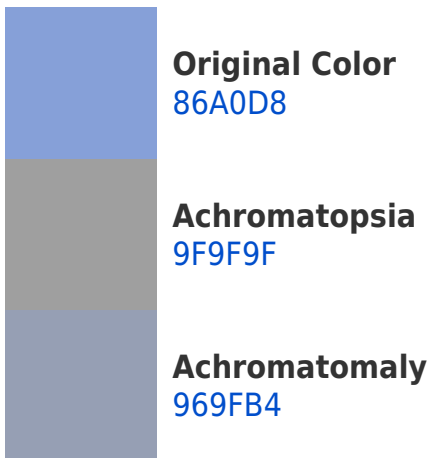


Tritanopia
7DA7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86A0D8 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 #86A0D8 looks like.

```
.text, #text, p{  
    color:#86A0D8  
}
```

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 #86A0D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86A0D8  
}
```

Border

The CSS property to change the border of an element to Hex 86A0D8 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  
#86A0D8 }
```

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

```
.border{ border-color:#86A0D8 }
```

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

Here you see how a box with a 4 pixel #86A0D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86A0D8; -webkit-box-shadow:4px 4px  
4px 4px #86A0D8; box-shadow:4px 4px 4px  
4px #86A0D8 }
```

Background

The CSS property to change the background color of an element to Hex 86A0D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86A0D8 }
```

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

```
.background{ background-color:#86A0D8 }
```

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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