

Converting Colors

Hex(86A3DC)

Have a look what the booklet for
Hex(86A3DC) contains.

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Color

Hex(86A3DC)

Conversions

Conversions Part 1

Format	Color
Hex	86A3DC
RGB	134, 163, 220
RGB Percent	53%, 64%, 86%
CMY	0.4745, 0.3608, 0.1373
CMYK	0.39, 0.26, 0.00, 0.14
HSL	220°, 55%, 69%
HSV	220°, 39%, 86%
XYZ	35.8470, 36.4300, 72.8525
YIQ	160.8270, -35.5810, 11.5790

Conversions

Conversions Part 2

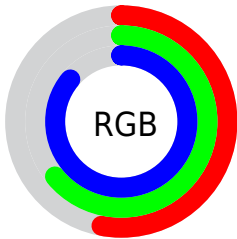
Format	Color
RYB	134, 156, 220
Decimal	8823772
CIELab	66.85, 4.15, -32.09
CIELCh	67, 32.355, 277.370
Yxy	36.4300, 0.2470, 0.2510
Android (android.graphics.Color)	4287013852 (0xFF86A3DC)
YUV	160.8270, 29.1723, -23.5273
Hunter-Lab	60.3573, 0.3882, -29.3142

Details

The Hex color **86A3DC** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **DCBF86**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **BEDAFF**, and **5070A5** is the 20% darker color. If you saturate the color by 10%, you get **7094DC**, and if you desaturate by 10%, it is **9CB2DC**.

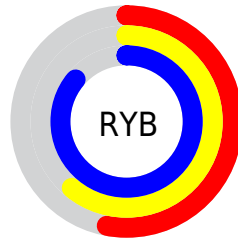
Distribution



Red (53%)

Green (64%)

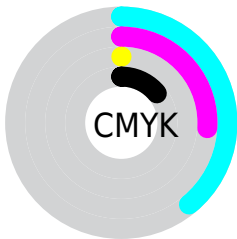
Blue (86%)



Red (53%)

Yellow (61%)

Blue (86%)

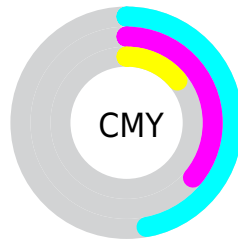


Cyan (39%)

Magenta (26%)

Yellow (0%)

Black (14%)



Cyan (47%)

Magenta (36%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86A3DC 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 86A3DC by changing the saturation by 10% instead.

 86A3DC

 86A3DC

FFFFFF

 6B89C0

 BEDAFF

 5070A5

 DAF6FF

 35578A

 F8FFFF

 154071

 002B58

 001740

 00032A

 000114

 000000

 86A3DC

 86A3DC

 7094DC

 9CB2DC

 5A86DC

 B2C0DC

 4477DC

 C8CFDC

 2E69DC

 DEDDDC

 185ADC

 F4ECDC

 024CDC

 FFFADC

 004ADC

 FFFFDC

Harmonies

Analogous

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



59ACD8



86A3DC



B099D1

Triad

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



86A3DC



D99081



6DB18B

Complementary

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



86A3DC



DCBF86

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.



90AB74



86A3DC



C9996E

Square

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



86A3DC



DB8C9C



AFA368



4BB3A9

Rectangle

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



86A3DC



C592C2



AFA368



79AF82

Sweetspot

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



86A3DC



E0EBFF



86DCBE



6E7480



000000



808080

Same Dimension

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



86A3DC



87B0FF



9386DC



63666E



003AAD



000F2E

Inverse Universe

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



DC86A3



FF87B0



CFDC86



6E6366



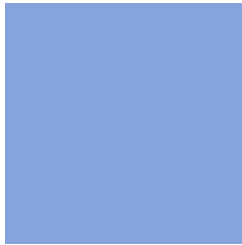
AD003A



2E000F

Previews

White Background



This preview shows how the Hex color 86A3DC looks on a white background.

Color Contrast Check

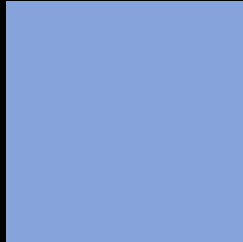
Large Text (above 18pt) WCAG AA × Fail

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 86A3DC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

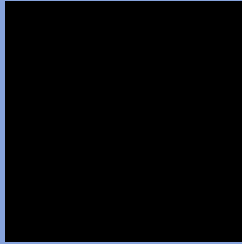
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

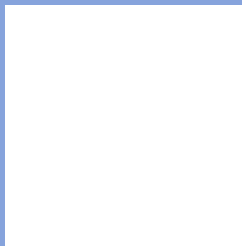
Any Text WCAG AAA ✓ Pass

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

Hex 86A3DC Background



This preview shows how black text looks on a background with the Hex color 86A3DC.



This preview shows how white text looks on a background with the Hex color 86A3DC.

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

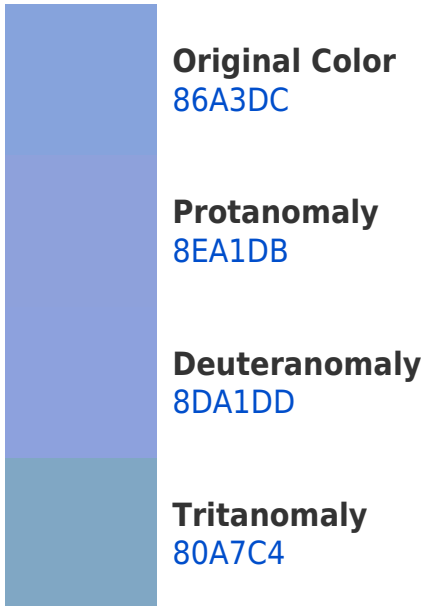


Original Color
86A3DC

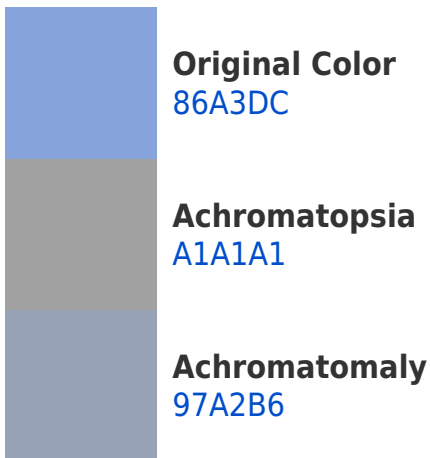
Protanopia
92A0DA

Deuteranopia
91A0DD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86A3DC 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 #86A3DC looks like.

```
.text, #text, p{  
    color:#86A3DC  
}
```

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 #86A3DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86A3DC
}
```

Border

The CSS property to change the border of an element to Hex 86A3DC 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
#86A3DC }
```

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

```
.border{ border-color:#86A3DC }
```

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

Here you see how a box with a 4 pixel #86A3DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86A3DC; -webkit-box-shadow:4px 4px  
4px 4px #86A3DC; box-shadow:4px 4px 4px  
4px #86A3DC }
```

Background

The CSS property to change the background color of an element to Hex 86A3DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86A3DC }
```

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

```
.background{ background-color:#86A3DC }
```

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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