

Converting Colors

Hex(87A3D7)

Have a look what the booklet for
Hex(87A3D7) contains.

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Color

Hex(87A3D7)

Conversions

Conversions Part 1

Format	Color
Hex	87A3D7
RGB	135, 163, 215
RGB Percent	53%, 64%, 84%
CMY	0.4706, 0.3608, 0.1569
CMYK	0.37, 0.24, 0.00, 0.16
HSL	219°, 50%, 69%
HSV	219°, 37%, 84%
XYZ	35.3546, 36.2516, 69.4238
YIQ	160.5560, -33.3800, 10.2360

Conversions

Conversions Part 2

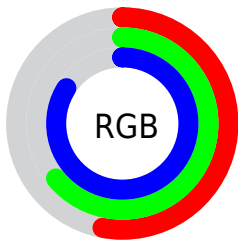
Format	Color
RYB	135, 156, 215
Decimal	8889303
CIELab	66.71, 3.07, -29.53
CIElCh	67, 29.692, 275.940
Yxy	36.2516, 0.2507, 0.2570
Android (android.graphics.Color)	4287079383 (0xFF87A3D7)
YUV	160.5560, 26.8409, -22.4126
Hunter-Lab	60.2093, -0.5519, -26.2174

Details

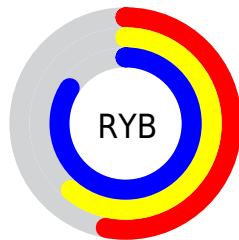
The Hex color **87A3D7** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D7BB87**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **BEDAFF**, and **5270A0** is the 20% darker color. If you saturate the color by 10%, you get **7195D7**, and if you desaturate by 10%, it is **9DB1D7**.

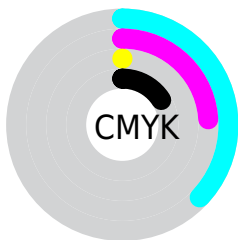
Distribution



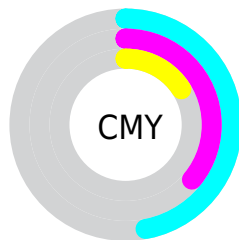
- Red (53%)
- Green (64%)
- Blue (84%)



- Red (53%)
- Yellow (61%)
- Blue (84%)



- Cyan (37%)
- Magenta (24%)
- Yellow (0%)
- Black (16%)



- Cyan (47%)
- Magenta (36%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87A3D7 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 87A3D7 by changing the saturation by 10% instead.

■ 87A3D7

■ 87A3D7

FFFFFF

■ 6C89BB

■ BEDAFF

■ 5270A0

■ DBF6FF

■ 375786

■ F8FFFF

■ 1A406C

■ 002A54

■ 00163C

■ 000326

■ 00010F

■ 000000

 87A3D7

 87A3D7

 7195D7

 9DB1D7

 5C87D7

 B2BFD7

 4679D7

 C8CDD7

 316BD7

 DDDBD7

 1B5DD7

 F3E9D7

 064FD7

 FFF7D7

 004BD7

 FFFF7D7

Harmonies

Analogous

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



60ABD2



87A3D7



AD9ACE

Triad

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



87A3D7



D59184



73AF8C

Complementary

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



87A3D7



D7BB87

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.



93AA76



87A3D7



C79972

Square

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



87A3D7



D78E9E



B0A26D



57B1A7

Rectangle

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



87A3D7



C194C1



B0A26D



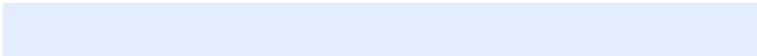
7EAE84

Sweetspot

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



87A3D7



E3EDFF



87D7BB



6F7580



000000



808080

Same Dimension

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



87A3D7



8CB4FF



9387D7



60646B



003CAB



000F2B

Inverse Universe

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



D787A3



FF8CB4



CBD787



6B6064



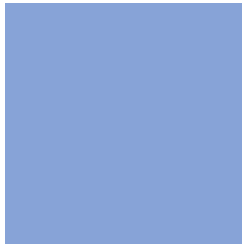
AB003C



2B000F

Previews

White Background



This preview shows how the Hex color 87A3D7 looks on a white background.

Color Contrast Check

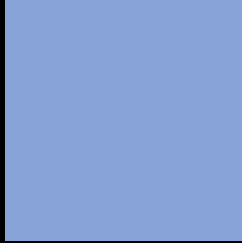
Large Text (above 18pt) WCAG AA × Fail

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 87A3D7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

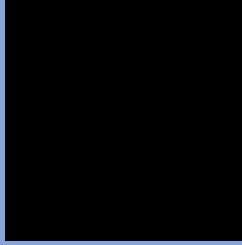
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

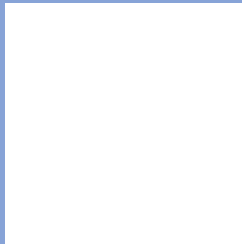
Any Text WCAG AAA ✓ Pass

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

Hex 87A3D7 Background



This preview shows how black text looks on a background with the Hex color 87A3D7.

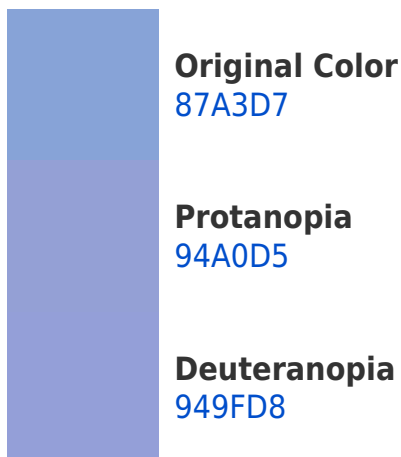


This preview shows how white text looks on a background with the Hex color 87A3D7.

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](#).

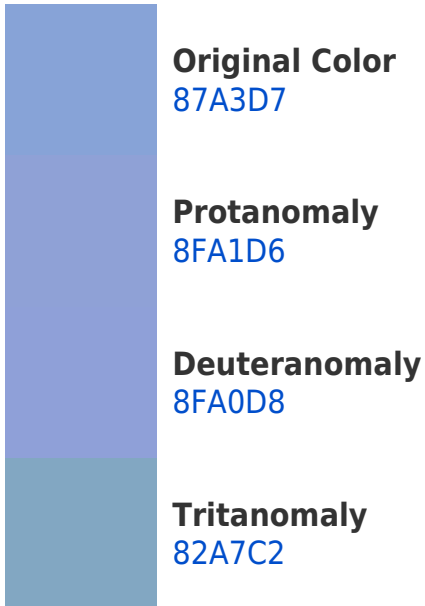
Dichromacy



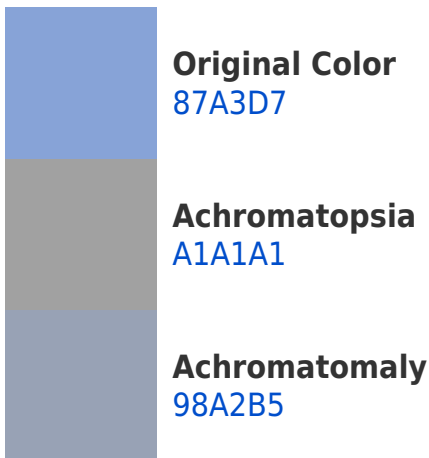


Tritanopia
7FA9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87A3D7 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 #87A3D7 looks like.

```
.text, #text, p{  
    color:#87A3D7  
}
```

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 #87A3D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87A3D7
}
```

Border

The CSS property to change the border of an element to Hex 87A3D7 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
#87A3D7 }
```

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

```
.border{ border-color:#87A3D7 }
```

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

Here you see how a box with a 4 pixel #87A3D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87A3D7; -webkit-box-shadow:4px 4px  
4px 4px #87A3D7; box-shadow:4px 4px 4px  
4px #87A3D7 }
```

Background

The CSS property to change the background color of an element to Hex 87A3D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87A3D7 }
```

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

```
.background{ background-color:#87A3D7 }
```

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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