

Converting Colors

Hex(82A0E3)

Have a look what the booklet for
Hex(82A0E3) contains.

Hex(82A0E3)	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(82A0E3)

Conversions

Conversions Part 1

Format	Color
Hex	82A0E3
RGB	130, 160, 227
RGB Percent	51%, 63%, 89%
CMY	0.4902, 0.3725, 0.1098
CMYK	0.43, 0.30, 0.00, 0.11
HSL	221°, 63%, 70%
HSV	221°, 43%, 89%
XYZ	35.6419, 35.4335, 77.6339
YIQ	158.6680, -39.3870, 14.4770

Conversions

Conversions Part 2

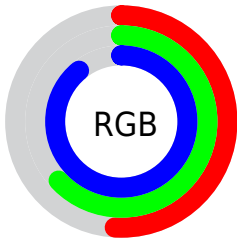
Format	Color
RYB	130, 153, 227
Decimal	8560867
CIELab	66.08, 6.75, -37.15
CIElCh	66, 37.756, 280.293
Yxy	35.4335, 0.2397, 0.2383
Android (android.graphics.Color)	4286750947 (0xFF82A0E3)
YUV	158.6680, 33.6877, -25.1418
Hunter-Lab	59.5260, 2.7082, -35.6578

Details

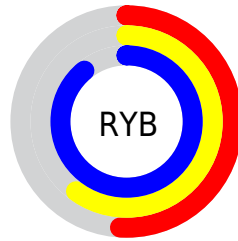
The Hex color **82A0E3** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E3C582**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **BAD7FF**, and **4B6DAB** is the 20% darker color. If you saturate the color by 10%, you get **6B90E3**, and if you desaturate by 10%, it is **99B0E3**.

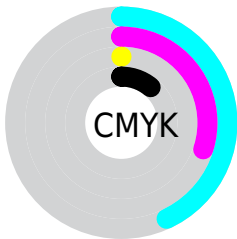
Distribution



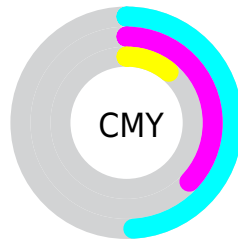
- Red (51%)
- Green (63%)
- Blue (89%)



- Red (51%)
- Yellow (60%)
- Blue (89%)



- Cyan (43%)
- Magenta (30%)
- Yellow (0%)
- Black (11%)



- Cyan (49%)
- Magenta (37%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 82A0E3 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 82A0E3 by changing the saturation by 10% instead.

 82A0E3

 82A0E3

FFFFFF

 6686C7


 BAD7FF

 4B6DAB

 D7F3FF

 2D5591

 F4FFFF

 043E77

 00285E

 001445

 00042F

 000119

 000000

■ 82A0E3

■ 82A0E3

■ 6B90E3

■ 99B0E3

■ 5581E3

■ AFBFE3

■ 3E71E3

■ C6CFE3

■ 2761E3

■ DDDFE3

■ 1152E3

■ F3EEE3

■ 0046E3

■ FFFEE3

■ FFFFEE3

Harmonies

Analogous

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



43AAE0



82A0E3



B393D4

Triad

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



82A0E3



DD8C76



5BB189

Complementary

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



82A0E3



E3C582

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.



86AB6C



82A0E3



CA9761

Square

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



82A0E3



E28696



ABA25D



23B3AC

Rectangle

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



82A0E3



CB8CC3



ABA25D



6AAF7E

Sweetspot

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



82A0E3



DEE8FF



82E3C4



6B7180



000000



808080

Same Dimension

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



82A0E3



7DA5FF



9482E3



676B73



0037B3



001033

Inverse Universe

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



E382A0



FF7DA5



D1E382



73676B



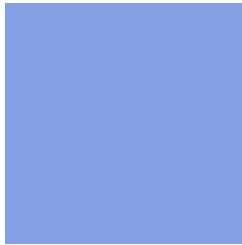
B30037



330010

Previews

White Background



This preview shows how the Hex color 82A0E3 looks on a white background.

Color Contrast Check

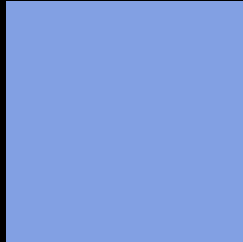
Large Text (above 18pt) WCAG AA × Fail

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 82A0E3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

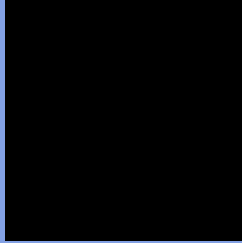
Any Text WCAG AA ✓ Pass

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 82A0E3 Background



This preview shows how black text looks on a background with the Hex color 82A0E3.



This preview shows how white text looks on a background with the Hex color 82A0E3.

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](#).

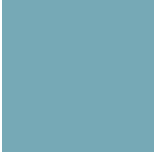
Dichromacy



Original Color
82A0E3

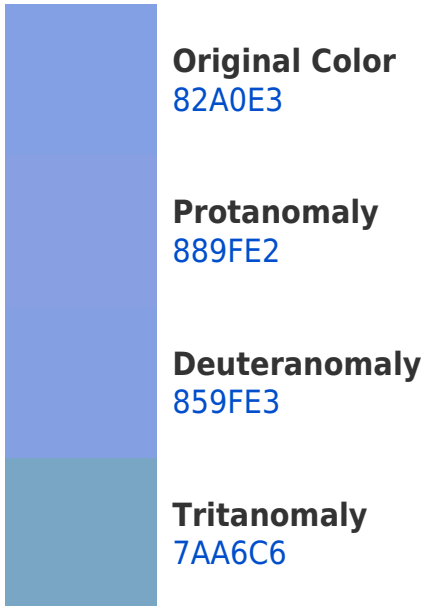
Protanopia
8B9EE1

Deuteranopia
879FE3

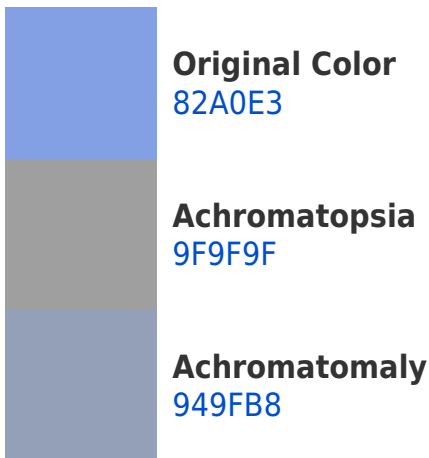


Tritanopia
76A9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 82A0E3 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 #82A0E3 looks like.

```
.text, #text, p{  
    color:#82A0E3  
}
```

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 #82A0E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82A0E3
}
```

Border

The CSS property to change the border of an element to Hex 82A0E3 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
#82A0E3 }
```

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

```
.border{ border-color:#82A0E3 }
```

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

Here you see how a box with a 4 pixel #82A0E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82A0E3; -webkit-box-shadow:4px 4px  
4px 4px #82A0E3; box-shadow:4px 4px 4px  
4px #82A0E3 }
```

Background

The CSS property to change the background color of an element to Hex 82A0E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82A0E3 }
```

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

```
.background{ background-color:#82A0E3 }
```

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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