

Converting Colors

Hex(80A0E2)

Have a look what the booklet for
Hex(80A0E2) contains.

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Color

Hex(80A0E2)

Conversions

Conversions Part 1

Format	Color
Hex	80A0E2
RGB	128, 160, 226
RGB Percent	50%, 63%, 89%
CMY	0.4980, 0.3725, 0.1137
CMYK	0.43, 0.29, 0.00, 0.11
HSL	220°, 63%, 69%
HSV	220°, 43%, 89%
XYZ	35.2004, 35.2218, 76.8947
YIQ	157.9560, -40.2580, 13.7420

Conversions

Conversions Part 2

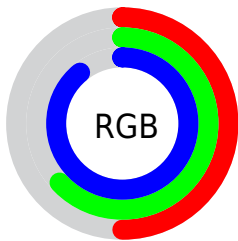
Format	Color
RYB	128, 152, 226
Decimal	8429794
CIELab	65.92, 5.96, -36.86
CIElCh	66, 37.340, 279.180
Yxy	35.2218, 0.2389, 0.2391
Android (android.graphics.Color)	4286619874 (0xFF80A0E2)
YUV	157.9560, 33.5457, -26.2714
Hunter-Lab	59.3480, 2.0127, -35.2761

Details

The Hex color **80A0E2** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **E2C280**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **B8D7FF**, and **496DAA** is the 20% darker color. If you saturate the color by 10%, you get **6991E2**, and if you desaturate by 10%, it is **97AFE2**.

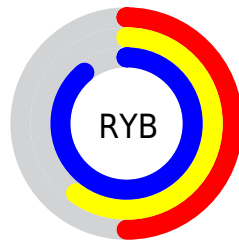
Distribution



Red (50%)

Green (63%)

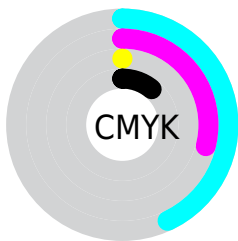
Blue (89%)



Red (50%)

Yellow (60%)

Blue (89%)

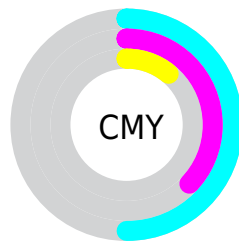


Cyan (43%)

Magenta (29%)

Yellow (0%)

Black (11%)



Cyan (50%)

Magenta (37%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80A0E2 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 80A0E2 by changing the saturation by 10% instead.

■ 80A0E2

■ 80A0E2

FFFFFF

■ 6486C6

■ B8D7FF

■ 496DAA

■ D5F3FF

■ 2B5590

■ F2FFFF

■ 003E76

■ 00285D

■ 001445

■ 00042E

■ 000118

■ 000000

■ 80A0E2

■ 80A0E2

■ 6991E2

■ 97AFE2

■ 5382E2

■ ADBEE2

■ 3C72E2

■ C4CEE2

■ 2663E2

■ DADDE2

■ 0F54E2

■ F1ECE2

■ 004AE2

■ FFFBE2

■ FFFFE2

Harmonies

Analogous

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



42AADE



80A0E2



B194D4

Triad

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



80A0E2



DD8B77



5DB087

Complementary

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



80A0E2



E2C280

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.



87AB6B



80A0E2



CA9662

Square

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



80A0E2



E18697



ACA25D



28B2AA

Rectangle

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



80A0E2



C98CC3



ACA25D



6CAF7D

Sweetspot

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



80A0E2



DEE9FF



80E2C1



6B7280



000000



808080

Same Dimension

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



80A0E2



7AA6FF



9080E2



656970



0039B0



001030

Inverse Universe

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



E280A0



FF7AA6



D2E280



706569



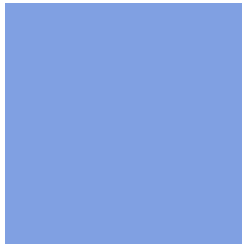
B00039



300010

Previews

White Background



This preview shows how the Hex color 80A0E2 looks on a white background.

Color Contrast Check

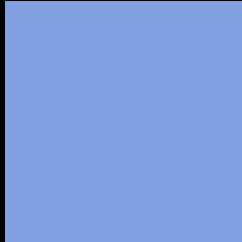
Large Text (above 18pt) WCAG AA × Fail

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 80A0E2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

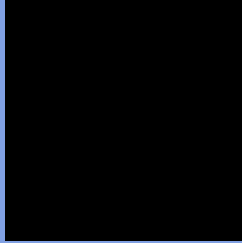
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

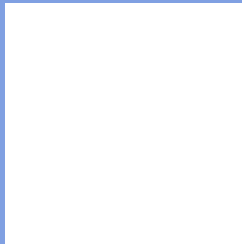
Any Text WCAG AAA ✓ Pass

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

Hex 80A0E2 Background



This preview shows how black text looks on a background with the Hex color 80A0E2.



This preview shows how white text looks on a background with the Hex color 80A0E2.

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](#).

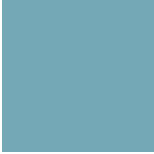
Dichromacy



Original Color
80A0E2

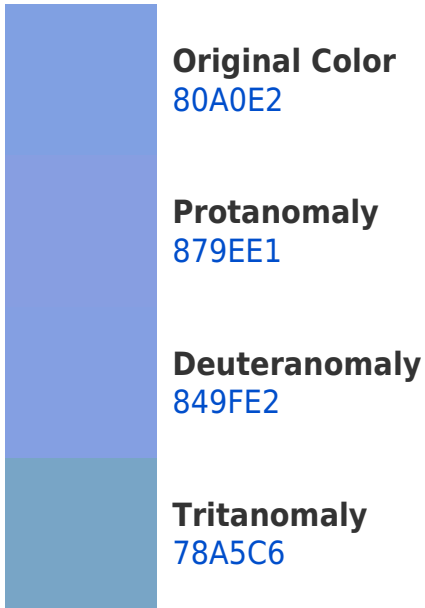
Protanopia
8B9DE0

Deuteranopia
879EE2

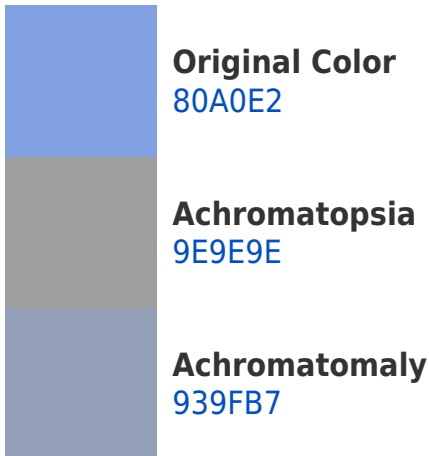


Tritanopia
74A8B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80A0E2 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 #80A0E2 looks like.

```
.text, #text, p{  
    color:#80A0E2  
}
```

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 #80A0E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80A0E2
}
```

Border

The CSS property to change the border of an element to Hex 80A0E2 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
#80A0E2 }
```

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

```
.border{ border-color:#80A0E2 }
```

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

Here you see how a box with a 4 pixel #80A0E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80A0E2; -webkit-box-shadow:4px 4px  
4px 4px #80A0E2; box-shadow:4px 4px 4px  
4px #80A0E2 }
```

Background

The CSS property to change the background color of an element to Hex 80A0E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80A0E2 }
```

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

```
.background{ background-color:#80A0E2 }
```

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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