

Converting Colors

Hex(86A2E4)

Have a look what the booklet for
Hex(86A2E4) contains.

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Color

Hex(86A2E4)

Conversions

Conversions Part 1

Format	Color
Hex	86A2E4
RGB	134, 162, 228
RGB Percent	53%, 64%, 89%
CMY	0.4745, 0.3647, 0.1059
CMYK	0.41, 0.29, 0.00, 0.11
HSL	222°, 64%, 71%
HSV	222°, 41%, 89%
XYZ	36.7554, 36.5104, 78.5088
YIQ	161.1520, -37.8740, 14.5900

Conversions

Conversions Part 2

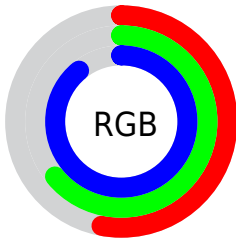
Format	Color
RYB	134, 156, 228
Decimal	8823524
CIELab	66.91, 6.91, -36.40
CIElCh	67, 37.048, 280.756
Yxy	36.5104, 0.2422, 0.2406
Android (android.graphics.Color)	4287013604 (0xFF86A2E4)
YUV	161.1520, 32.9561, -23.8123
Hunter-Lab	60.4239, 2.8386, -34.7389

Details

The Hex color **86A2E4** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E4C886**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **BED9FF**, and **4F6FAC** is the 20% darker color. If you saturate the color by 10%, you get **6F92E4**, and if you desaturate by 10%, it is **9DB2E4**.

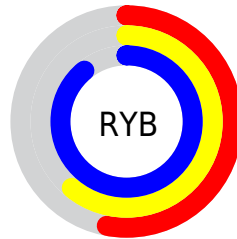
Distribution



Red (53%)

Green (64%)

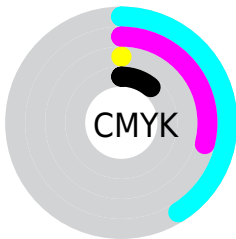
Blue (89%)



Red (53%)

Yellow (61%)

Blue (89%)

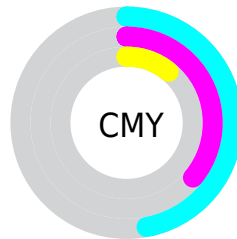


Cyan (41%)

Magenta (29%)

Yellow (0%)

Black (11%)



Cyan (47%)

Magenta (36%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86A2E4 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 86A2E4 by changing the saturation by 10% instead.

 86A2E4

 86A2E4

FFFFFF

 6B88C8

 BED9FF

 4F6FAC

 DBF5FF

 335691

 F8FFFF

 0F4077

 002A5E

 001646

 000430

 00011A

 000000

86A2E4

86A2E4

6F92E4

9DB2E4

5882E4

B4C2E4

4272E4

CAD2E4

2B62E4

E1E2E4

1452E4

F8F2E4

0044E4

FFFFE4

Harmonies

Analogous

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



4BACE1



86A2E4



B696D5

Triad

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



86A2E4



DF8E79



5EB38C

Complementary

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



86A2E4



E4C886

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.



88AE6F



86A2E4



CB9964

Square

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



86A2E4



E48998



ADA560



2CB5AE

Rectangle

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



86A2E4



CD8EC4



ADA560



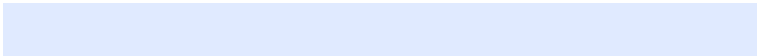
6DB281

Sweetspot

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



86A2E4



E0EAFF



86E4C8



6E7380



000000



808080

Same Dimension

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



86A2E4



82A7FF



9986E4



676B73



0035B3



000F33

Inverse Universe

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



E486A2



FF82A7



D1E486



73676B



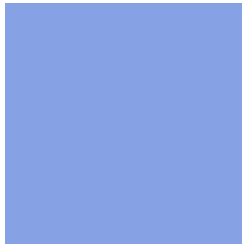
B30035



33000F

Previews

White Background



This preview shows how the Hex color 86A2E4 looks on a white background.

Color Contrast Check

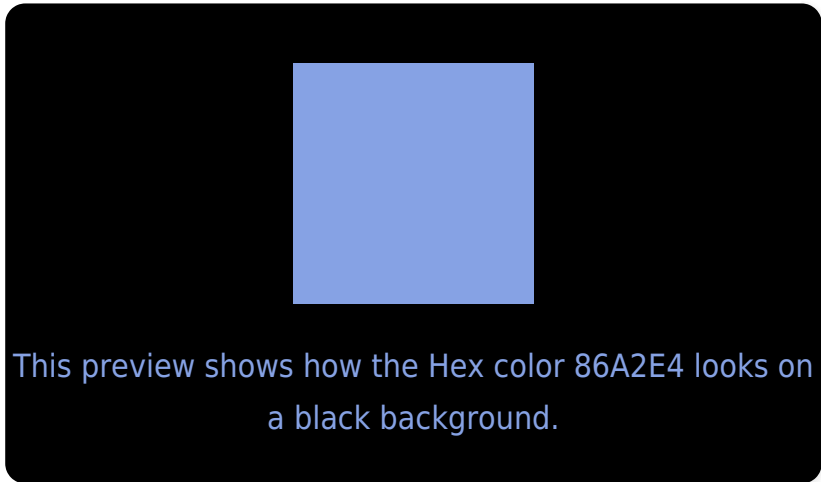
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

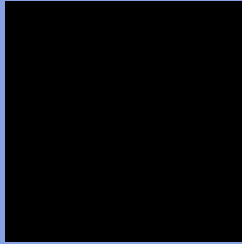
Any Text WCAG AA ✓ Pass

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 86A2E4 Background



This preview shows how black text looks on a background with the Hex color 86A2E4.



This preview shows how white text looks on a background with the Hex color 86A2E4.

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
86A2E4

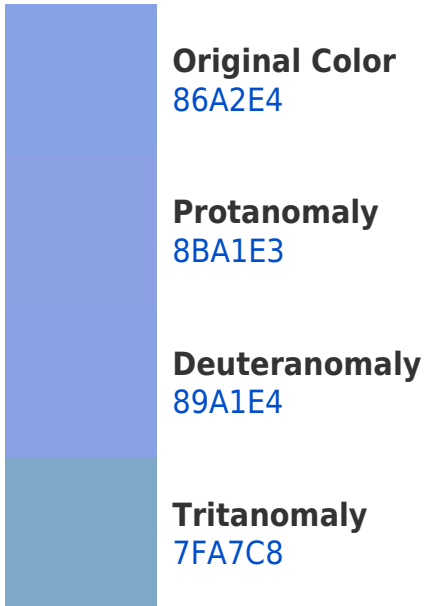
Protanopia
8EA0E2

Deuteranopia
8BA1E4

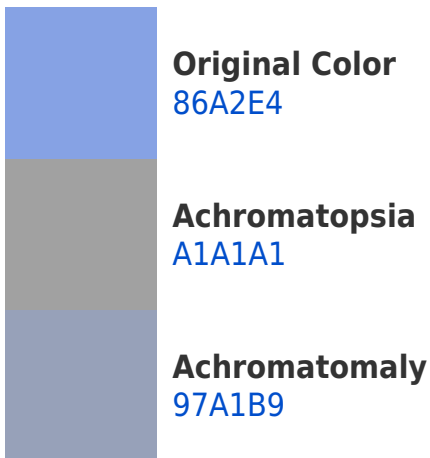


Tritanopia
7BAAB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86A2E4 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 #86A2E4 looks like.

```
.text, #text, p{  
    color:#86A2E4  
}
```

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 #86A2E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86A2E4
}
```

Border

The CSS property to change the border of an element to Hex 86A2E4 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
#86A2E4 }
```

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

```
.border{ border-color:#86A2E4 }
```

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

Here you see how a box with a 4 pixel #86A2E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86A2E4; -webkit-box-shadow:4px 4px  
4px 4px #86A2E4; box-shadow:4px 4px 4px  
4px #86A2E4 }
```

Background

The CSS property to change the background color of an element to Hex 86A2E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86A2E4 }
```

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

```
.background{ background-color:#86A2E4 }
```

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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