

Converting Colors

Hex(82E0FF)

Have a look what the booklet for
Hex(82E0FF) contains.

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Color

Hex(82E0FF)

Conversions

Conversions Part 1

Format	Color
Hex	82E0FF
RGB	130, 224, 255
RGB Percent	51%, 88%, 100%
CMY	0.4902, 0.1216, 0.0000
CMYK	0.49, 0.12, 0.00, 0.00
HSL	195°, 100%, 75%
HSV	195°, 49%, 100%
XYZ	53.9116, 65.2771, 104.3660
YIQ	199.4280, -65.9750, -10.2870

Conversions

Conversions Part 2

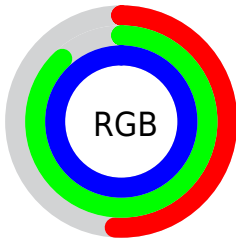
Format	Color
R_{YB}	130, 184, 255
Decimal	8577279
CIE _{Lab}	84.63, -19.84, -23.70
CIE _{LCh}	85, 30.912, 230.062
Yxy	65.2771, 0.2412, 0.2920
Android (android.graphics.Color)	4286767359 (0xFF82E0FF)
YUV	199.4280, 27.3970, -60.8884
Hunter-Lab	80.7943, -22.2823, -20.0319

Details

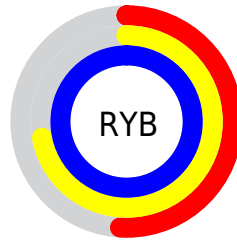
The Hex color **82E0FF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FFA182**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **BDFFFF**, and **44A9C6** is the 20% darker color. If you saturate the color by 10%, you get **69DAFF**, and if you desaturate by 10%, it is **9BE6FF**.

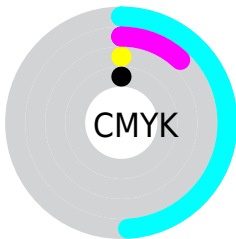
Distribution



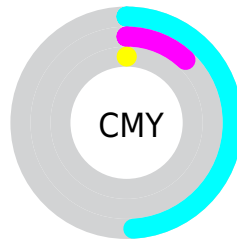
- Red (51%)
- Green (88%)
- Blue (100%)



- Red (51%)
- Yellow (72%)
- Blue (100%)



- Cyan (49%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (49%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 82E0FF 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 82E0FF by changing the saturation by 10% instead.

 82E0FF

 82E0FF

FFFFFF

 64C4E2

 BDFFFF

 44A9C6

 DBFFFF

 1D8EAB

 F9FFFF

 007490

 005C77

 00445E

 002D46

 001B2F

 00011B

 82E0FF

 82E0FF

 69DAFF

 9BE6FF

 4FD3FF

 B5EDFF

 35CDFF

 CFF3FF

 1CC7FF

 E8F9FF

 02C0FF

FFFFFF

 00C0FF

Harmonies

Analogous

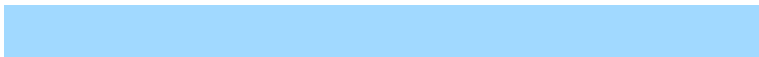
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7DE3E6



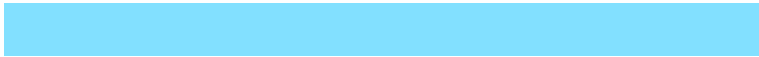
82E0FF



A1D9FF

Triad

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



82E0FF



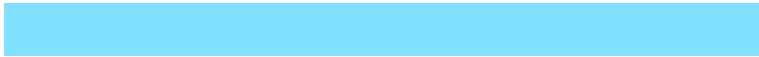
FFBFDE



D4D89C

Complementary

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



82E0FF



FFA182

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.



F1CE9A



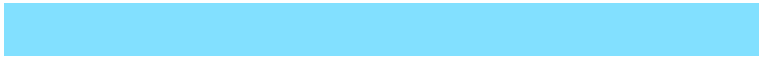
82E0FF



FFBFC1

Square

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



82E0FF



EFC5F9



FFC5A8



B3DFAD

Rectangle

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



82E0FF



BDD3FF



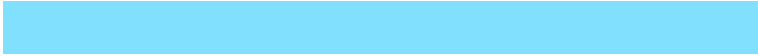
FFC5A8



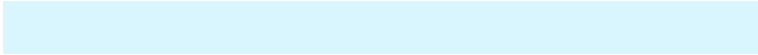
DFD59A

Sweetspot

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



82E0FF



D9F6FF



82FF9F



697A80



000000



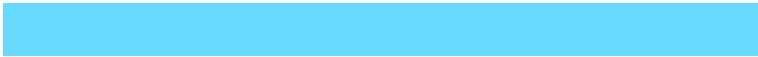
808080

Same Dimension

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



82E0FF



69DAFF



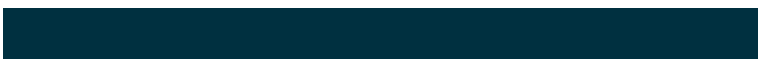
82A3FF



737C80



0090BF



003040

Inverse Universe

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



FF82E0



FF69DA



FFDE82



80737C



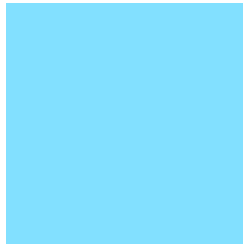
BF0090



400030

Previews

White Background



This preview shows how the Hex color 82E0FF looks on a white background.

Color Contrast Check

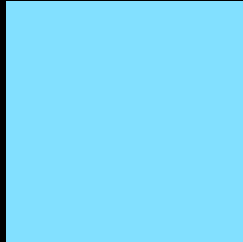
Large Text (above 18pt) WCAG AA × Fail

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 82E0FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

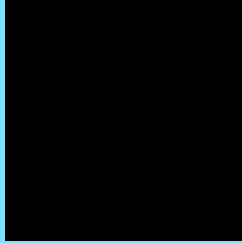
Any Text WCAG AA ✓ Pass

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 82E0FF Background



This preview shows how black text looks on a background with the Hex color 82E0FF.

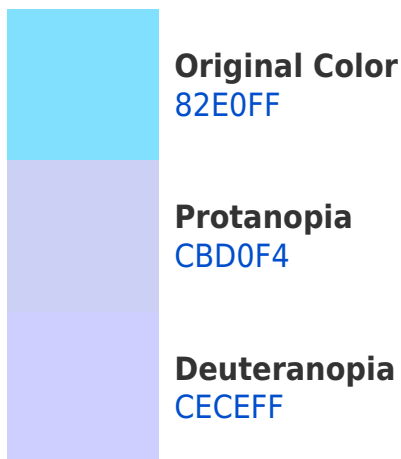


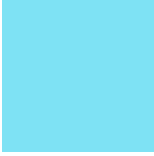
This preview shows how white text looks on a background with the Hex color 82E0FF.

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](#).

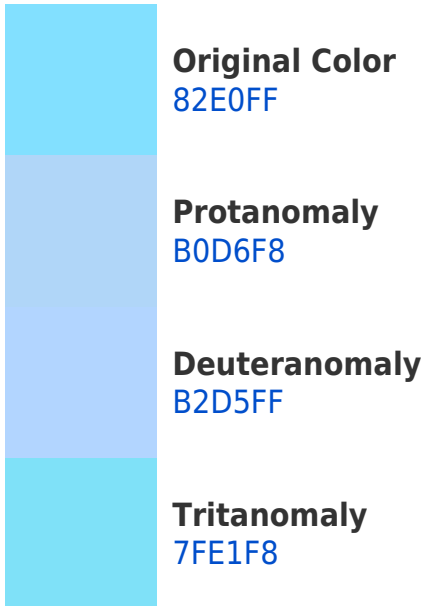
Dichromacy



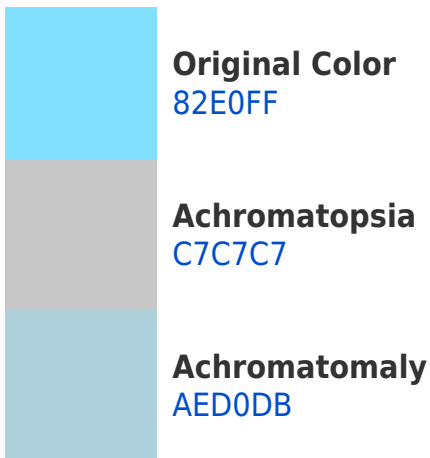


Tritanopia
7EE2F4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 82E0FF 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 #82E0FF looks like.

```
.text, #text, p{  
    color:#82E0FF  
}
```

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 #82E0FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82E0FF
}
```

Border

The CSS property to change the border of an element to Hex 82E0FF 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
#82E0FF }
```

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

```
.border{ border-color:#82E0FF }
```

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

Here you see how a box with a 4 pixel #82E0FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82E0FF; -webkit-box-shadow:4px 4px  
4px 4px #82E0FF; box-shadow:4px 4px 4px  
4px #82E0FF }
```

Background

The CSS property to change the background color of an element to Hex 82E0FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82E0FF }
```

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

```
.background{ background-color:#82E0FF }
```

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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