

Converting Colors

Hex(82D1EB)

Have a look what the booklet for
Hex(82D1EB) contains.

Hex(82D1EB)	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(82D1EB)

Conversions

Conversions Part 1

Format	Color
Hex	82D1EB
RGB	130, 209, 235
RGB Percent	51%, 82%, 92%
CMY	0.4902, 0.1804, 0.0784
CMYK	0.45, 0.11, 0.00, 0.08
HSL	195°, 72%, 72%
HSV	195°, 45%, 92%
XYZ	47.0018, 56.3449, 86.9957
YIQ	188.3430, -55.4300, -8.6620

Conversions

Conversions Part 2

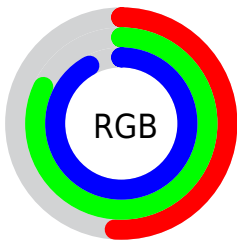
Format	Color
RYB	130, 175, 235
Decimal	8573419
CIELab	79.81, -17.58, -20.40
CIELCh	80, 26.927, 229.240
Yxy	56.3449, 0.2469, 0.2960
Android (android.graphics.Color)	4286763499 (0xFF82D1EB)
YUV	188.3430, 23.0019, -51.1668
Hunter-Lab	75.0632, -19.5907, -16.1707

Details

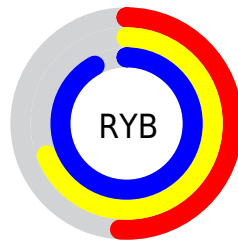
The Hex color **82D1EB** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **EB9C82**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **BBFFFF**, and **489AB3** is the 20% darker color. If you saturate the color by 10%, you get **6BCBEB**, and if you desaturate by 10%, it is **9AD7EB**.

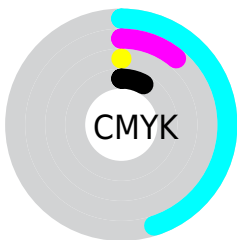
Distribution



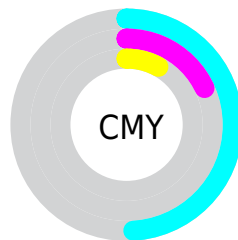
- Red (51%)
- Green (82%)
- Blue (92%)



- Red (51%)
- Yellow (69%)
- Blue (92%)



- Cyan (45%)
- Magenta (11%)
- Yellow (0%)
- Black (8%)



- Cyan (49%)
- Magenta (18%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 82D1EB 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 82D1EB by changing the saturation by 10% instead.

 82D1EB

 82D1EB

FFFFFF

 65B5CF

 BBFFFF

 489AB3

 D9FFFF

 278098

 F6FFFF

 00677E

 004F65

 00384D

 002236

 000221

 000007

82D1EB

82D1EB

6BCBEB

9AD7EB

53C5EB

B1DDEB

3CC0EB

C9E2EB

24BAEB

E0E8EB

0DB4EB

F8EEEB

00B1EB

FFF4EB

FFFAEB

FFFFEB

Harmonies

Analogous

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



7ED4D5



82D1EB



9BCBF7

Triad

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



82D1EB



F2B5D0



C8C996

Complementary

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



82D1EB



EB9C82

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.



E1C195



82D1EB



F9B4B6

Square

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



82D1EB



DDBAE7



F3B9A1



ABD0A4

Rectangle

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



82D1EB



B2C5F7



F3B9A1



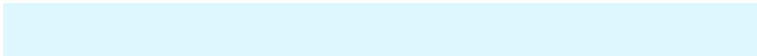
D1C794

Sweetspot

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



82D1EB



DEF7FF



82EB9B



6B7A80



000000



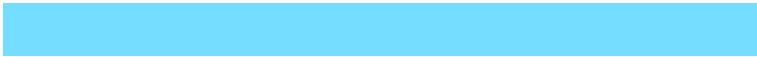
808080

Same Dimension

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



82D1EB



75DDFF



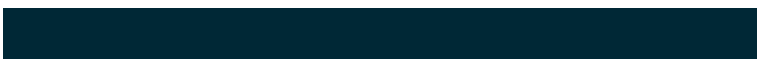
829EEB



6A7275



0088B5



002836

Inverse Universe

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



EB82D1



FF75DD



EBCF82



756A72



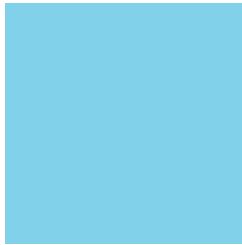
B50088



360028

Previews

White Background



This preview shows how the Hex color 82D1EB looks on a white background.

Color Contrast Check

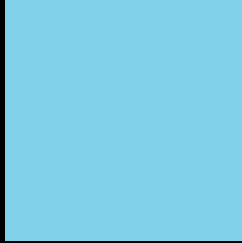
Large Text (above 18pt) WCAG AA × Fail

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 82D1EB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

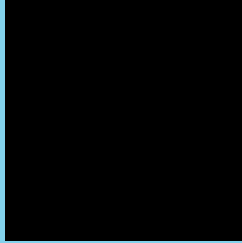
Any Text WCAG AA ✓ Pass

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 82D1EB Background



This preview shows how black text looks on a background with the Hex color 82D1EB.

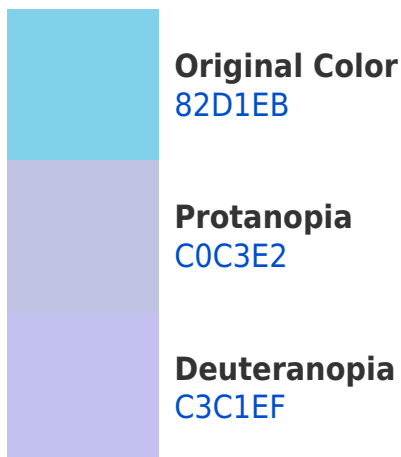


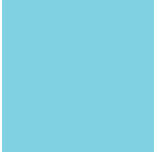
This preview shows how white text looks on a background with the Hex color 82D1EB.

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](#).

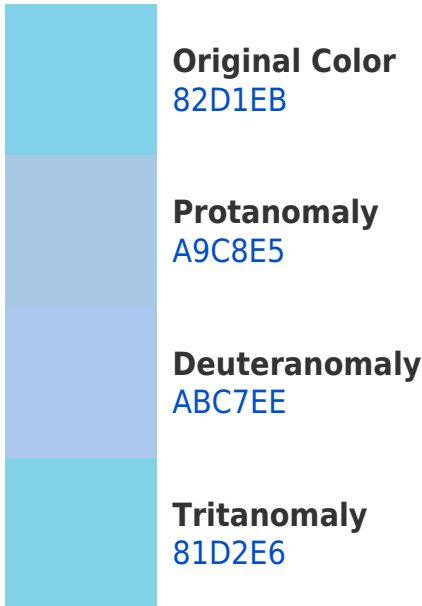
Dichromacy



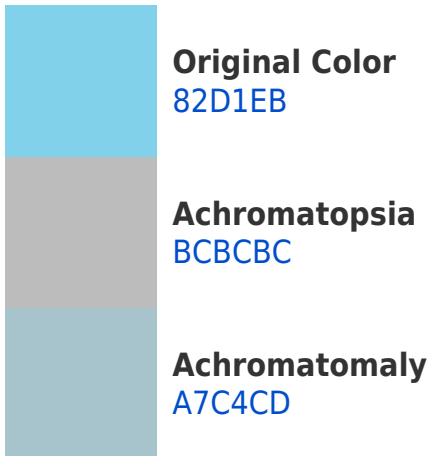


Tritanopia
80D2E3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 82D1EB 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 #82D1EB looks like.

```
.text, #text, p{  
    color:#82D1EB  
}
```

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 #82D1EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82D1EB
}
```

Border

The CSS property to change the border of an element to Hex 82D1EB 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
#82D1EB }
```

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

```
.border{ border-color:#82D1EB }
```

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

Here you see how a box with a 4 pixel #82D1EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82D1EB; -webkit-box-shadow:4px 4px  
4px 4px #82D1EB; box-shadow:4px 4px 4px  
4px #82D1EB }
```

Background

The CSS property to change the background color of an element to Hex 82D1EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82D1EB }
```

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

```
.background{ background-color:#82D1EB }
```

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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