

Converting Colors

Hex(82D0E1)

Have a look what the booklet for
Hex(82D0E1) contains.

Hex(82D0E1)	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(82D0E1)

Conversions

Conversions Part 1

Format	Color
Hex	82D0E1
RGB	130, 208, 225
RGB Percent	51%, 82%, 88%
CMY	0.4902, 0.1843, 0.1176
CMYK	0.42, 0.08, 0.00, 0.12
HSL	191°, 61%, 70%
HSV	191°, 42%, 88%
XYZ	45.3524, 55.2938, 79.5166
YIQ	186.6160, -51.9450, -11.2490

Conversions

Conversions Part 2

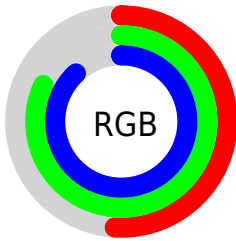
Format	Color
RYB	130, 173, 225
Decimal	8573153
CIELab	79.21, -19.68, -15.95
CIELCh	79, 25.330, 219.030
Yxy	55.2938, 0.2517, 0.3069
Android (android.graphics.Color)	4286763233 (0xFF82D0E1)
YUV	186.6160, 18.9233, -49.6522
Hunter-Lab	74.3598, -21.2617, -11.3498

Details

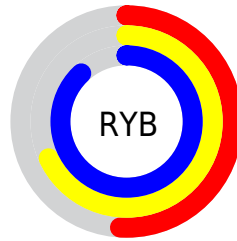
The Hex color **82D0E1** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E19382**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **BBFFFF**, and **4999AA** is the 20% darker color. If you saturate the color by 10%, you get **6BCCE1**, and if you desaturate by 10%, it is **99D4E1**.

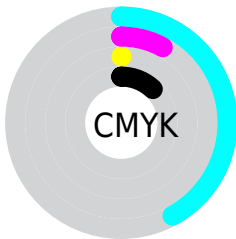
Distribution



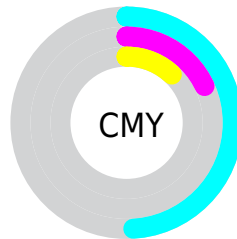
- Red (51%)
- Green (82%)
- Blue (88%)



- Red (51%)
- Yellow (68%)
- Blue (88%)



- Cyan (42%)
- Magenta (8%)
- Yellow (0%)
- Black (12%)



- Cyan (49%)
- Magenta (18%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 82D0E1 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 82D0E1 by changing the saturation by 10% instead.

 82D0E1

 82D0E1

FFFFFF

 66B4C5

 BBFFFF

 4999AA

 D8FFFF

 2A7F8F

 F5FFFF

 006676

 004E5D

 003745

 00222F

 00011B

 000000

82D0E1

82D0E1

6BCCE1

99D4E1

55C8E1

AFD8E1

3EC4E1

C5DCE1

28C0E1

DCE0E1

11BCE1

F3E4E1

00B9E1

FFE8E1

FFECE1

FFF0E1

FFF4E1

Harmonies

Analogous

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



86D2CB



82D0E1



93CBF0

Triad

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



82D0E1



E9B5D6



CFC596

Complementary

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



82D0E1



E19382

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.



E5BD99



82D0E1



F4B3BE

Square

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



82D0E1



D1BCE9



F2B6A8



B4CC9F

Rectangle

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



82D0E1



A7C7F3



F2B6A8



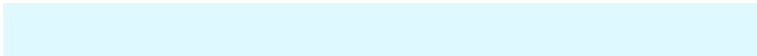
D7C295

Sweetspot

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



82D0E1



DEF9FF



82E192



6B7C80



000000



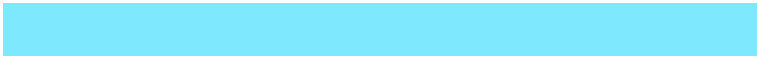
808080

Same Dimension

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



82D0E1



7DE8FF



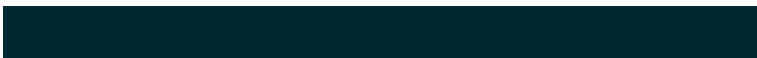
82A2E1



656E70



0090B0



002830

Inverse Universe

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



E182D0



FF7DE8



E1C182



70656E



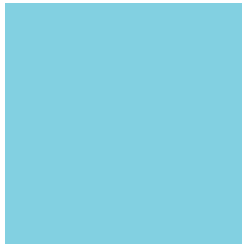
B00090



300028

Previews

White Background



This preview shows how the Hex color 82D0E1 looks on a white background.

Color Contrast Check

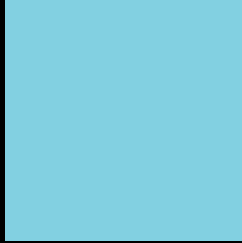
Large Text (above 18pt) WCAG AA × Fail

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 82D0E1 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 82D0E1 Background



This preview shows how black text looks on a background with the Hex color 82D0E1.

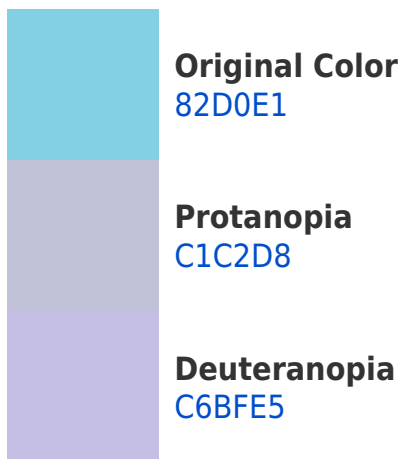


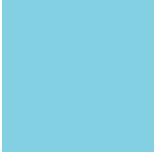
This preview shows how white text looks on a background with the Hex color 82D0E1.

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](#).

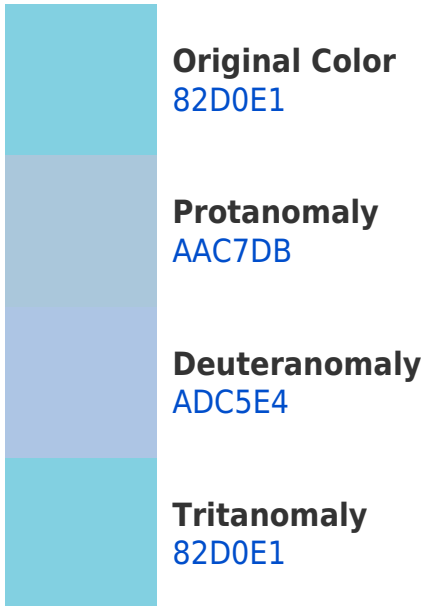
Dichromacy



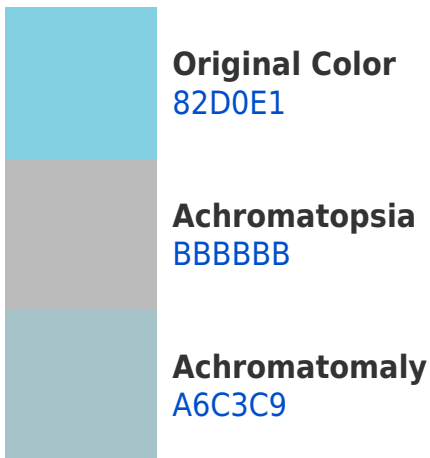


Tritanopia
82D0E1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 82D0E1 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 #82D0E1 looks like.

```
.text, #text, p{  
    color:#82D0E1  
}
```

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 #82D0E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82D0E1
}
```

Border

The CSS property to change the border of an element to Hex 82D0E1 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
#82D0E1 }
```

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

```
.border{ border-color:#82D0E1 }
```

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

Here you see how a box with a 4 pixel #82D0E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82D0E1; -webkit-box-shadow:4px 4px  
4px 4px #82D0E1; box-shadow:4px 4px 4px  
4px #82D0E1 }
```

Background

The CSS property to change the background color of an element to Hex 82D0E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82D0E1 }
```

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

```
.background{ background-color:#82D0E1 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor