

Converting Colors

Hex(86D2D2)

Have a look what the booklet for
Hex(86D2D2) contains.

Hex(86D2D2)	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(86D2D2)

Conversions

Conversions Part 1

Format	Color
Hex	86D2D2
RGB	134, 210, 210
RGB Percent	53%, 82%, 82%
CMY	0.4745, 0.1765, 0.1765
CMYK	0.36, 0.00, 0.00, 0.18
HSL	180°, 46%, 67%
HSV	180°, 36%, 82%
XYZ	44.5110, 55.8147, 69.4001
YIQ	187.2760, -45.2960, -16.1120

Conversions

Conversions Part 2

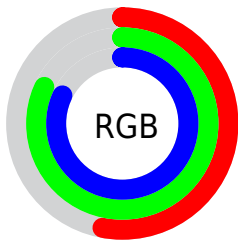
Format	Color
RYB	134, 172, 210
Decimal	8835794
CIELab	79.51, -23.39, -7.45
CIElCh	80, 24.550, 197.666
Yxy	55.8147, 0.2623, 0.3289
Android (android.graphics.Color)	4287025874 (0xFF86D2D2)
YUV	187.2760, 11.2029, -46.7231
Hunter-Lab	74.7092, -24.3927, -2.7802

Details

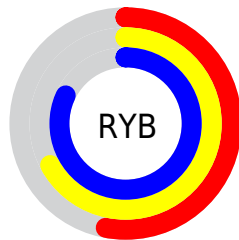
The Hex color **86D2D2** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D28686**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **BEFFFF**, and **4F9B9C** is the 20% darker color. If you saturate the color by 10%, you get **71D2D2**, and if you desaturate by 10%, it is **9BD2D2**.

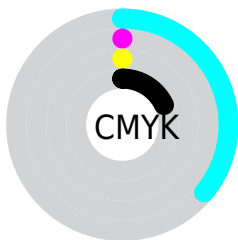
Distribution



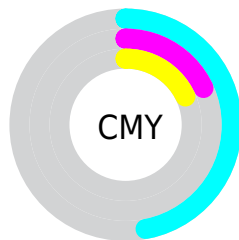
- Red (53%)
- Green (82%)
- Blue (82%)



- Red (53%)
- Yellow (67%)
- Blue (82%)



- Cyan (36%)
- Magenta (0%)
- Yellow (0%)
- Black (18%)



- Cyan (47%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86D2D2 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 86D2D2 by changing the saturation by 10% instead.

 86D2D2

 86D2D2

FFFFFF

 6BB6B6

 BEFFFF

 4F9B9C

 DBFFFF

 338182


 F8FFFF

 0F6868

 004F50

 00383A

 002324

 00010F

 000000

 86D2D2

 86D2D2

 71D2D2

 9BD2D2

 5CD2D2

 B0D2D2

 47D2D2

 C5D2D2

 32D2D2

 DAD2D2

 1DD2D2

 EFD2D2

 08D2D2

 FFD2D2

 00D2D2

Harmonies

Analogous

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



96D1BA



86D2D2



88CFE6

Triad

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



86D2D2



D9BBE4



DFC099

Complementary

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



86D2D2



D28686

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.



EFB9A4



86D2D2



EDB6CF

Square

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



86D2D2



BCC2F0



F4B5B8



C8C899

Rectangle

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



86D2D2



95CCEF



F4B5B8



E5BE9B

Sweetspot

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



86D2D2



E3FFFF



86D286



6F8080



000000



808080

Same Dimension

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



86D2D2



91FFFF



86ACD2



5E6969



00A8A8



002929

Inverse Universe

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



D286D2



FF91FF



D2AC86



695E69



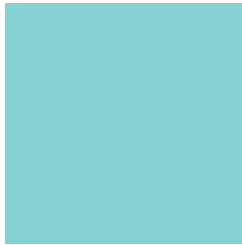
A800A8



290029

Previews

White Background



This preview shows how the Hex color 86D2D2 looks on a white background.

Color Contrast Check

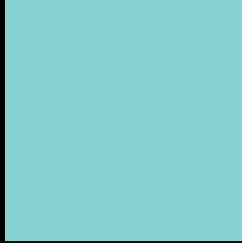
Large Text (above 18pt) WCAG AA × Fail

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 86D2D2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

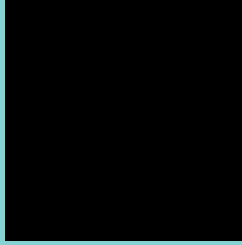
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

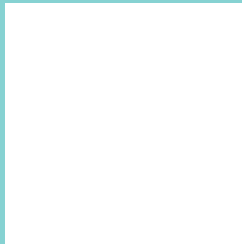
Any Text WCAG AAA ✓ Pass

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

Hex 86D2D2 Background



This preview shows how black text looks on a background with the Hex color 86D2D2.

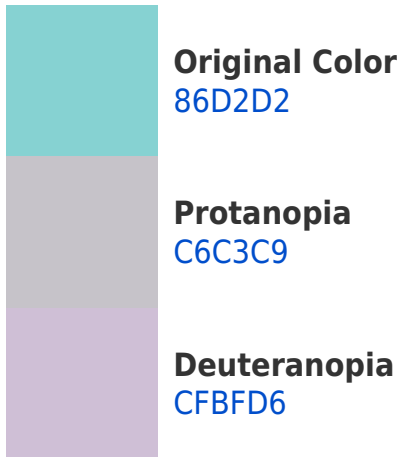


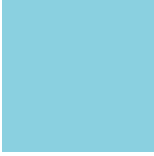
This preview shows how white text looks on a background with the Hex color 86D2D2.

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](#).

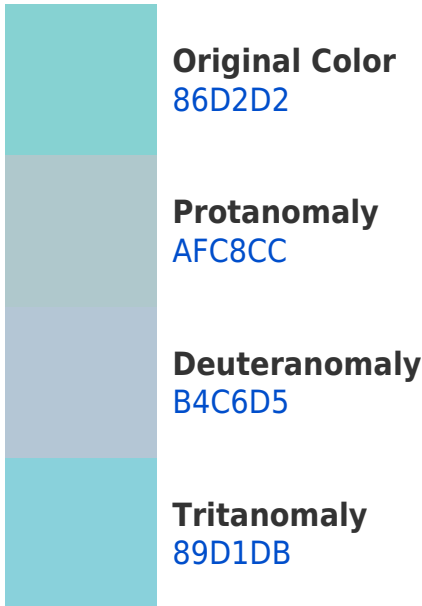
Dichromacy



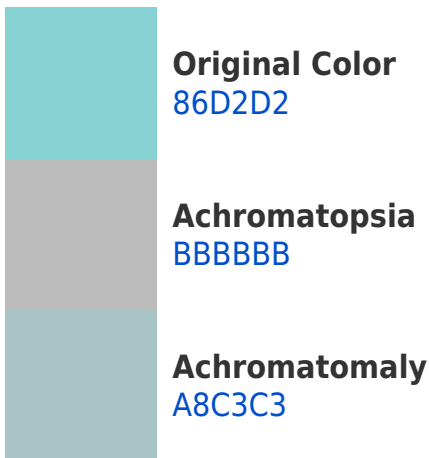


Tritanopia
8AD0E0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86D2D2 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 #86D2D2 looks like.

```
.text, #text, p{  
    color:#86D2D2  
}
```

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 #86D2D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86D2D2
}
```

Border

The CSS property to change the border of an element to Hex 86D2D2 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
#86D2D2 }
```

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

```
.border{ border-color:#86D2D2 }
```

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

Here you see how a box with a 4 pixel #86D2D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86D2D2; -webkit-box-shadow:4px 4px  
4px 4px #86D2D2; box-shadow:4px 4px 4px  
4px #86D2D2 }
```

Background

The CSS property to change the background color of an element to Hex 86D2D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86D2D2 }
```

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

```
.background{ background-color:#86D2D2 }
```

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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