

Converting Colors

Hex(86D3D4)

Have a look what the booklet for
Hex(86D3D4) contains.

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Color

Hex(86D3D4)

Conversions

Conversions Part 1

Format	Color
Hex	86D3D4
RGB	134, 211, 212
RGB Percent	53%, 83%, 83%
CMY	0.4745, 0.1725, 0.1686
CMYK	0.37, 0.00, 0.00, 0.17
HSL	181°, 48%, 68%
HSV	181°, 37%, 83%
XYZ	45.0094, 56.4103, 70.8034
YIQ	188.0910, -46.2130, -16.0130

Conversions

Conversions Part 2

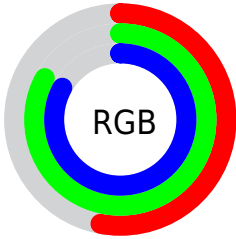
Format	Color
RYB	134, 173, 212
Decimal	8836052
CIELab	79.85, -23.41, -8.02
CIELCh	80, 24.743, 198.910
Yxy	56.4103, 0.2613, 0.3275
Android (android.graphics.Color)	4287026132 (0xFF86D3D4)
YUV	188.0910, 11.7871, -47.4378
Hunter-Lab	75.1068, -24.4668, -3.3181

Details

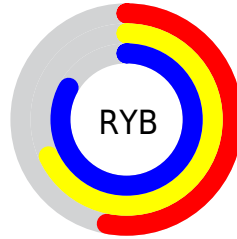
The Hex color **86D3D4** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D48786**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **BEFFFF**, and **4F9C9D** is the 20% darker color. If you saturate the color by 10%, you get **71D3D4**, and if you desaturate by 10%, it is **9BD3D4**.

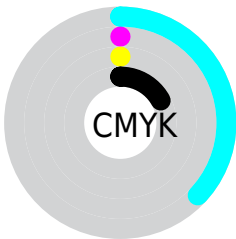
Distribution



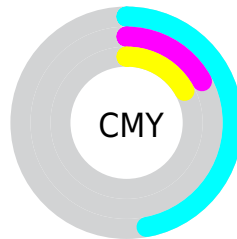
- Red (53%)
- Green (83%)
- Blue (83%)



- Red (53%)
- Yellow (68%)
- Blue (83%)



- Cyan (37%)
- Magenta (0%)
- Yellow (0%)
- Black (17%)



- Cyan (47%)
- Magenta (17%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86D3D4 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 86D3D4 by changing the saturation by 10% instead.

 86D3D4

 86D3D4

FFFFFF

 6AB7B8

 BEFFFF

 4F9C9D

 DBFFFF

 328283


 F9FFFF

 0E696A

 005052

 00393B

 002325

 000111

 000000

 86D3D4

 86D3D4

 71D3D4

 9BD3D4

 5CD2D4

 B0D4D4

 46D2D4

 C6D4D4

 31D2D4

 DBD4D4

 1CD2D4

 F0D4D4

 07D1D4

 FFD5D4

 00D1D4

Harmonies

Analogous

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



95D3BC



86D3D4



89D0E8

Triad

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



86D3D4



DBBBE4



DFC199

Complementary

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



86D3D4



D48786

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.



F0BAA4



86D3D4



EFB6CF

Square

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



86D3D4



BEC3F1



F6B6B8



C8C99A

Rectangle

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



86D3D4



96CDF0



F6B6B8



E6BF9C

Sweetspot

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



86D3D4



E3FFFF



86D486



6F7F80



000000



808080

Same Dimension

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



86D3D4



8FFEFF



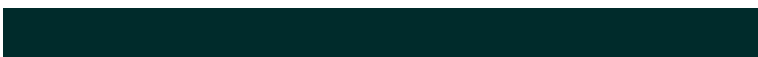
86ADD4



606B6B



00A9AB



002B2B

Inverse Universe

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



D486D3



FF8FFE



D4AD86



6B606B



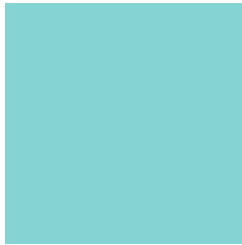
AB00A9



2B002B

Previews

White Background



This preview shows how the Hex color 86D3D4 looks on a white background.

Color Contrast Check

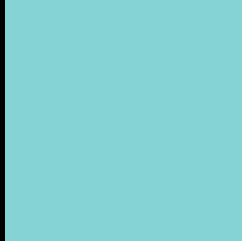
Large Text (above 18pt) WCAG AA × Fail

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 86D3D4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

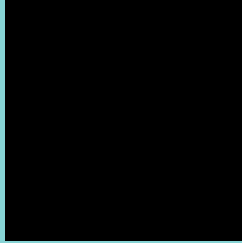
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

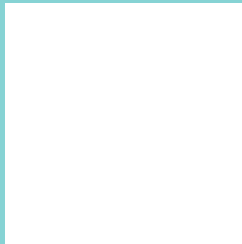
Any Text WCAG AAA ✓ Pass

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

Hex 86D3D4 Background



This preview shows how black text looks on a background with the Hex color 86D3D4.



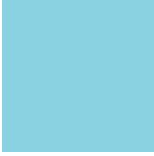
This preview shows how white text looks on a background with the Hex color 86D3D4.

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
8AD1E2

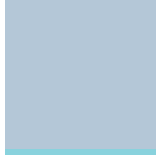
Trichromacy



Original Color
86D3D4



Protanomaly
AFC9CE



Deuteranomaly
B4C7D7

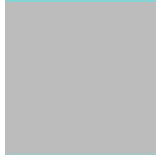


Tritanomaly
89D2DD

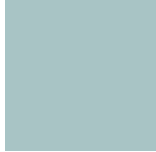
Monochromacy



Original Color
86D3D4



Achromatopsia
BCBCBC



Achromatomaly
A8C4C5

CSS Examples

Text

The CSS property to change the color of the text to Hex 86D3D4 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 #86D3D4 looks like.

```
.text, #text, p{  
    color:#86D3D4  
}
```

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 #86D3D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86D3D4
}
```

Border

The CSS property to change the border of an element to Hex 86D3D4 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
#86D3D4 }
```

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

```
.border{ border-color:#86D3D4 }
```

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

Here you see how a box with a 4 pixel #86D3D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86D3D4; -webkit-box-shadow:4px 4px  
4px 4px #86D3D4; box-shadow:4px 4px 4px  
4px #86D3D4 }
```

Background

The CSS property to change the background color of an element to Hex 86D3D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86D3D4 }
```

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

```
.background{ background-color:#86D3D4 }
```

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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