

Converting Colors

Hex(87D7CC)

Have a look what the booklet for
Hex(87D7CC) contains.

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Color

Hex(87D7CC)

Conversions

Conversions Part 1

Format	Color
Hex	87D7CC
RGB	135, 215, 204
RGB Percent	53%, 84%, 80%
CMY	0.4706, 0.1569, 0.2000
CMYK	0.37, 0.00, 0.05, 0.16
HSL	172°, 50%, 69%
HSV	172°, 37%, 84%
XYZ	45.1912, 58.1114, 65.9615
YIQ	189.8260, -44.1490, -20.3810

Conversions

Conversions Part 2

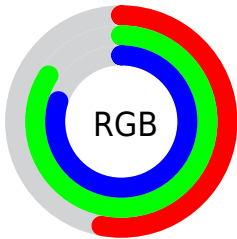
Format	Color
RYB	135, 178, 215
Decimal	8902604
CIELab	80.80, -27.00, -2.33
CIElCh	81, 27.096, 184.935
Yxy	58.1114, 0.2670, 0.3433
Android (android.graphics.Color)	4287092684 (0xFF87D7CC)
YUV	189.8260, 6.9878, -48.0824
Hunter-Lab	76.2308, -27.5855, 2.0587

Details

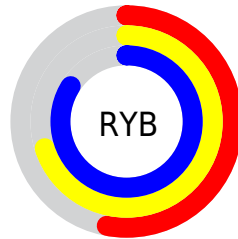
The Hex color **87D7CC** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D78792**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **BFFFFFF**, and **50A096** is the 20% darker color. If you saturate the color by 10%, you get **71D7C9**, and if you desaturate by 10%, it is **9DD7CF**.

Distribution



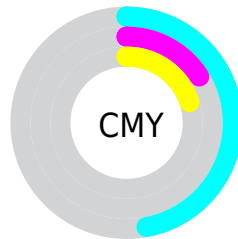
- Red (53%)
- Green (84%)
- Blue (80%)



- Red (53%)
- Yellow (70%)
- Blue (84%)



- Cyan (37%)
- Magenta (0%)
- Yellow (5%)
- Black (16%)



- Cyan (47%)
- Magenta (16%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87D7CC 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 87D7CC by changing the saturation by 10% instead.

 87D7CC

 87D7CC

FFFFFF

 6CBBB1

 BFFFFFF

 50A096

 DCFFFF

 34867C

 F9FFFF

 126C63

 00534B

 003C35

 002620

 000608

 000000

 87D7CC

 87D7CC

 71D7C9

 9DD7CF

 5CD7C6

 B2D7D2

 46D7C3

 C8D7D5

 31D7C0

 DDD7D8

 1BD7BD

 F3D7DB

 06D7BA

 FFD7DE

 00D7B9

 FFD7E1

 FFD7E4

 FFD7E7

Harmonies

Analogous

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



9ED5B2



87D7CC



7FD6E5

Triad

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



87D7CC



D2C1F2



EEC09B

Complementary

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



87D7CC



D78792

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.



FBB9AD



87D7CC



EDB9DF

Square

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



87D7CC



B0C9FB



FBB6C5



D7C896

Rectangle

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



87D7CC



88D3F1



FBB6C5



F3BDA0

Sweetspot

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



87D7CC



E3FFFB



93D787



6F807D



000000



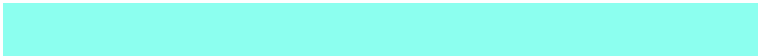
808080

Same Dimension

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



87D7CC



8CFFEF



87BBD7



606B6A



00AB93



002B25

Inverse Universe

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



D78792



FF8C9C



D7A387



6B6062



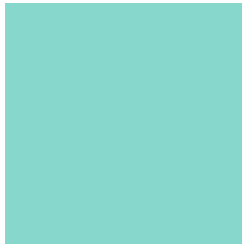
AB0017



2B0006

Previews

White Background



This preview shows how the Hex color 87D7CC looks on a white background.

Color Contrast Check

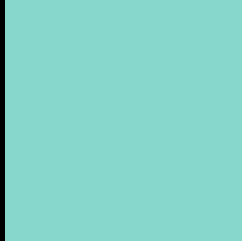
Large Text (above 18pt) WCAG AA × Fail

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 87D7CC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

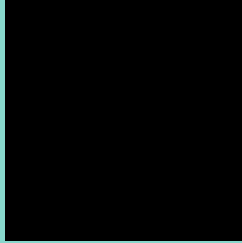
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

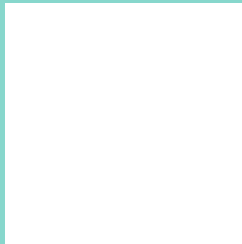
Any Text WCAG AAA ✓ Pass

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

Hex 87D7CC Background



This preview shows how black text looks on a background with the Hex color 87D7CC.

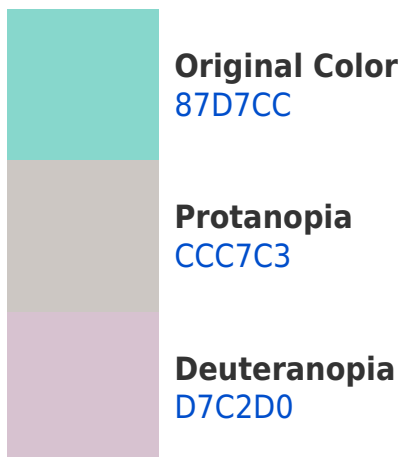


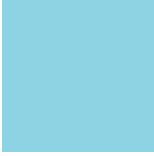
This preview shows how white text looks on a background with the Hex color 87D7CC.

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](#).

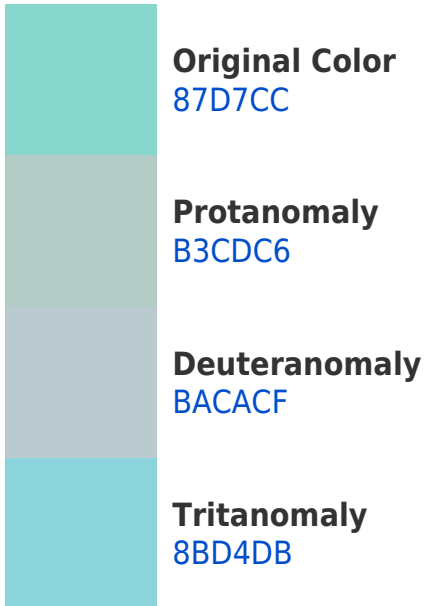
Dichromacy



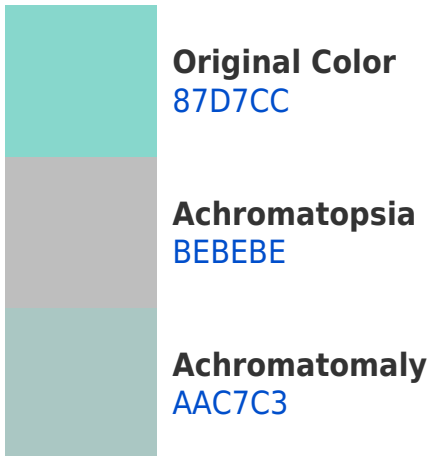


Tritanopia
8DD3E4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87D7CC 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 #87D7CC looks like.

```
.text, #text, p{  
    color:#87D7CC  
}
```

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 #87D7CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87D7CC }  
}
```

Border

The CSS property to change the border of an element to Hex 87D7CC 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 #87D7CC }  
}
```

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

```
.border{ border-color:#87D7CC }
```

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

Here you see how a box with a 4 pixel #87D7CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87D7CC; -webkit-box-shadow:4px 4px  
4px 4px #87D7CC; box-shadow:4px 4px 4px  
4px #87D7CC }
```

Background

The CSS property to change the background color of an element to Hex 87D7CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87D7CC }
```

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

```
.background{ background-color:#87D7CC }
```

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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