

Converting Colors

Hex(87DECE)

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

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Color

Hex(87DECE)

Conversions

Conversions Part 1

Format	Color
Hex	87DECE
RGB	135, 222, 206
RGB Percent	53%, 87%, 81%
CMY	0.4706, 0.1294, 0.1922
CMYK	0.39, 0.00, 0.07, 0.13
HSL	169°, 57%, 70%
HSV	169°, 39%, 87%
XYZ	47.2535, 61.8497, 67.8402
YIQ	194.1630, -46.7160, -23.4200

Conversions

Conversions Part 2

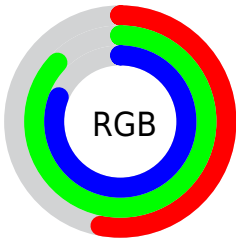
Format	Color
RYB	135, 183, 222
Decimal	8904398
CIELab	82.83, -29.91, -0.42
CIELCh	83, 29.912, 180.800
Yxy	61.8497, 0.2671, 0.3495
Android (android.graphics.Color)	4287094478 (0xFF87DECE)
YUV	194.1630, 5.8356, -51.8860
Hunter-Lab	78.6446, -30.3764, 3.9066

Details

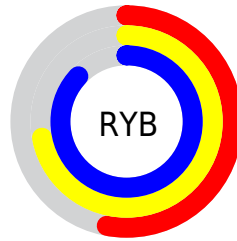
The Hex color **87DECE** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DE8797**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **C0FFFF**, and **4FA698** is the 20% darker color. If you saturate the color by 10%, you get **71DECA**, and if you desaturate by 10%, it is **9DDED2**.

Distribution



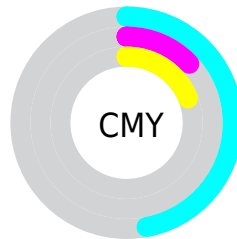
- Red (53%)
- Green (87%)
- Blue (81%)



- Red (53%)
- Yellow (72%)
- Blue (87%)



- Cyan (39%)
- Magenta (0%)
- Yellow (7%)
- Black (13%)



- Cyan (47%)
- Magenta (13%)
- Yellow (19%)

Brightness & Saturation Gradients

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

 87DECE

 87DECE

FFFFFF

 6BC2B3

 C0FFFF

 4FA698

 DDFFFF

 328C7E

 FAFFFF

 0C7265

 00594D

 004136

 002A21

 00120B

 000000

 87DECE

 87DECE

 71DECA

 9DDED2

 5BDEC6

 B3DED6

 44DEC2

 CADEDA

 2EDEBE

 E0DEDE

 18DEBA

 F6DEE2

 02DEB6

 FFDEE6

 00DEB5

 FFDEEB

 FFDEEF

 FFDEF3

Harmonies

Analogous

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



A3DBB2



87DECE



7ADDEA

Triad

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



87DECE



D4C7FE



FAC39E

Complementary

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



87DECE



DE8797

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.



FFBCB3



87DECE



F3BEEA

Square

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



87DECE



ACD1FF



FFBACE



E2CD96

Rectangle

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



87DECE



81DAF9



FFBACE



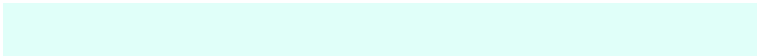
FFC0A4

Sweetspot

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



87DECE



E0FFF9



98DE87



6E807C



000000



808080

Same Dimension

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



87DECE



87FFE9



87C4DE



65706E



00B090



003028

Inverse Universe

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



DE8797



FF879D



DEA187



706567



B00020



300009

Previews

White Background



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

Color Contrast Check

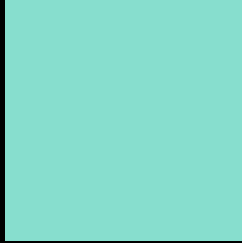
Large Text (above 18pt) WCAG AA × Fail

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 87DECE 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

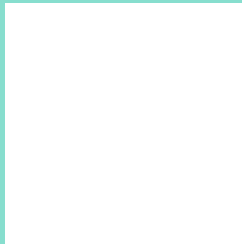
Any Text WCAG AAA ✓ Pass

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

Hex 87DECE Background



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



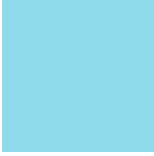
This preview shows how white text looks on a background with the Hex color 87DECE.

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](#).

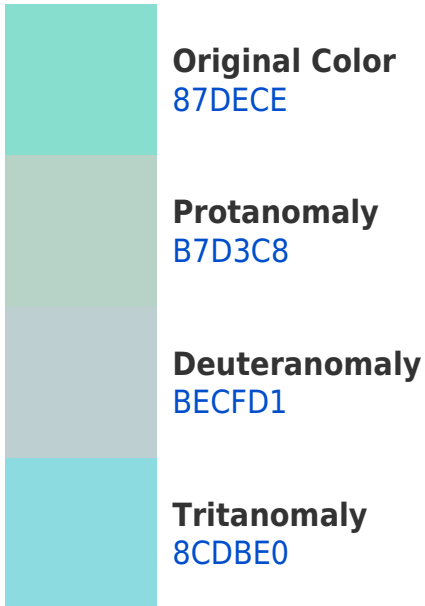
Dichromacy



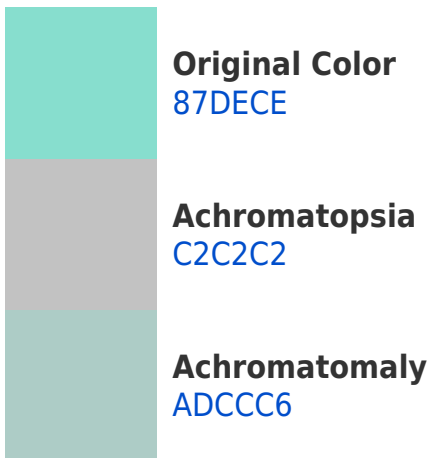


Tritanopia
8FDAEB

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #87DECE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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