

Converting Colors

Hex(83D7B9)

Have a look what the booklet for
Hex(83D7B9) contains.

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Color

Hex(83D7B9)

Conversions

Conversions Part 1

Format	Color
Hex	83D7B9
RGB	131, 215, 185
RGB Percent	51%, 84%, 73%
CMY	0.4863, 0.1569, 0.2745
CMYK	0.39, 0.00, 0.14, 0.16
HSL	159°, 51%, 68%
HSV	159°, 39%, 84%
XYZ	42.4175, 56.9290, 54.6517
YIQ	186.4640, -40.4340, -27.1380

Conversions

Conversions Part 2

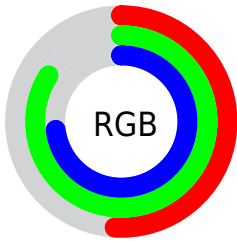
Format	Color
RYB	131, 182, 215
Decimal	8640441
CIELab	80.14, -32.30, 6.81
CIElCh	80, 33.010, 168.088
Yxy	56.9290, 0.2754, 0.3697
Android (android.graphics.Color)	4286830521 (0xFF83D7B9)
YUV	186.4640, -0.7218, -48.6419
Hunter-Lab	75.4513, -31.6900, 9.8703

Details

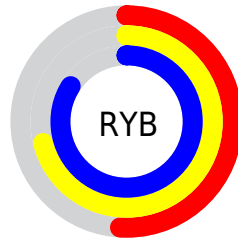
The Hex color **83D7B9** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D783A1**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **BBFFF1**, and **4CA084** is the 20% darker color. If you saturate the color by 10%, you get **6ED7B1**, and if you desaturate by 10%, it is **99D7C1**.

Distribution



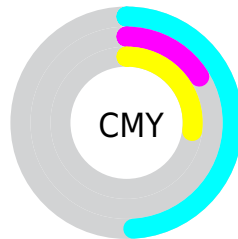
- Red (51%)
- Green (84%)
- Blue (73%)



- Red (51%)
- Yellow (71%)
- Blue (84%)



- Cyan (39%)
- Magenta (0%)
- Yellow (14%)
- Black (16%)



- Cyan (49%)
- Magenta (16%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83D7B9 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 83D7B9 by changing the saturation by 10% instead.

 83D7B9

 83D7B9

FFFFFF

 68BB9E

 BBFF11

 4CA084

 D8FFFF

 30856B

 F5FFFF

 0B6C53

 00533C

 003B26

 002611

 000100

 000000

 83D7B9

 83D7B9

 6ED7B1

 99D7C1

 58D7AA

 AED7C8

 42D7A2

 C3D7D0

 2DD79A

 D9D7D8

 17D793

 EED7DF

 02D78B

 FFD7E7

 00D78A

 FFD7EF

 FFD7F6

 FFD7FE

Harmonies

Analogous

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



A6D39D



83D7B9



68D8D9

Triad

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



83D7B9



BAC3FF



FDB79A

Complementary

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



83D7B9



D783A1

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.



FFB0B5



83D7B9



E2B8F0

Square

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



83D7B9



8DCDFF



FCB1D4



E8C18B

Rectangle

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



83D7B9



65D6EC



FCB1D4



FFB4A2

Sweetspot

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



83D7B9



E0FFF4



A2D783



6E8079



000000



808080

Same Dimension

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



83D7B9



87FFD4



83CCD7



606B67



00AB6E



002B1C

Inverse Universe

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



D783A1



FF87B2



D78E83



6B6064



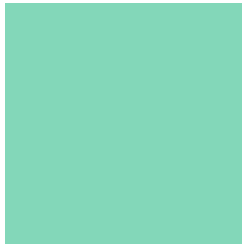
AB003D



2B000F

Previews

White Background



This preview shows how the Hex color 83D7B9 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 83D7B9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

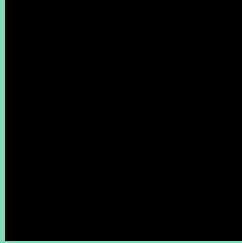
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

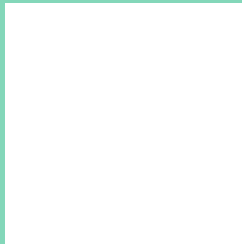
Any Text WCAG AAA ✓ Pass

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

Hex 83D7B9 Background



This preview shows how black text looks on a background with the Hex color 83D7B9.

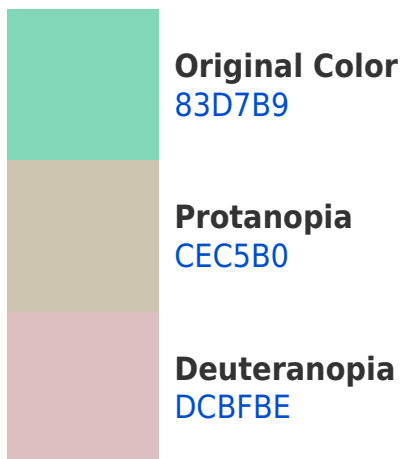


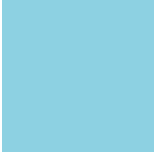
This preview shows how white text looks on a background with the Hex color 83D7B9.

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
8DD1E2

Trichromacy



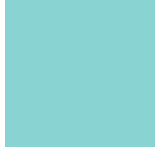
Original Color
83D7B9



Protanomaly
B3CCB3



Deuteranomaly
BCC8BC

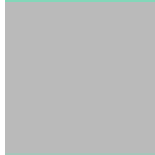


Tritanomaly
89D3D3

Monochromacy



Original Color
83D7B9



Achromatopsia
BABABA



Achromatomaly
A6C5BA

CSS Examples

Text

The CSS property to change the color of the text to Hex 83D7B9 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 #83D7B9 looks like.

```
.text, #text, p{  
    color:#83D7B9  
}
```

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 #83D7B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83D7B9
}
```

Border

The CSS property to change the border of an element to Hex 83D7B9 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
#83D7B9 }
```

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

```
.border{ border-color:#83D7B9 }
```

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

Here you see how a box with a 4 pixel #83D7B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83D7B9; -webkit-box-shadow:4px 4px  
4px 4px #83D7B9; box-shadow:4px 4px 4px  
4px #83D7B9 }
```

Background

The CSS property to change the background color of an element to Hex 83D7B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83D7B9 }
```

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

```
.background{ background-color:#83D7B9 }
```

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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