

# Converting Colors

Hex(80CD83)

Have a look what the booklet for  
Hex(80CD83) contains.

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**Color**

**Hex(80CD83)**

# Conversions

## Conversions Part 1

Format	Color
Hex	80CD83
RGB	128, 205, 131
RGB Percent	50%, 80%, 51%
CMY	0.4980, 0.1961, 0.4863
CMYK	0.38, 0.00, 0.36, 0.20
HSL	122°, 44%, 65%
HSV	122°, 38%, 80%
XYZ	34.8301, 49.8905, 29.2668
YIQ	173.5410, -22.1380, -39.3380

# Conversions

## Conversions Part 2

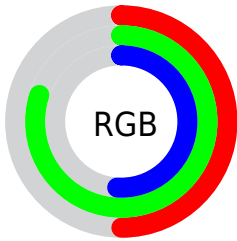
Format	Color
<a href="#">RYB</a>	<a href="#">128, 202, 205</a>
Decimal	<a href="#">8441219</a>
CIELab	<a href="#">76.00, -38.76, 29.55</a>
CIELCh	<a href="#">76, 48.739, 142.677</a>
Yxy	<a href="#">49.8905, 0.3056, 0.4377</a>
Android (android.graphics.Color)	<a href="#">4286631299 (0xFF80CD83)</a>
YUV	<a href="#">173.5410, -20.9727, -39.9395</a>
Hunter-Lab	<a href="#">70.6332, -35.5875, 24.8765</a>

# Details

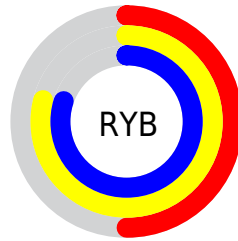
The Hex color **80CD83** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **CD80CA**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **B7FFB9**, and **4A9651** is the 20% darker color. If you saturate the color by 10%, you get **6BCD6F**, and if you desaturate by 10%, it is **95CD97**.

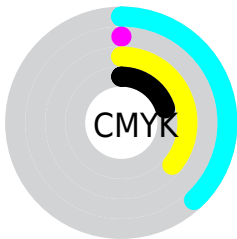
# Distribution



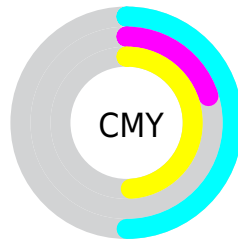
- Red (50%)
- Green (80%)
- Blue (51%)



- Red (50%)
- Yellow (79%)
- Blue (80%)



- Cyan (38%)
- Magenta (0%)
- Yellow (36%)
- Black (20%)



- Cyan (50%)
- Magenta (20%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 80CD83 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 80CD83 by changing the saturation by 10% instead.



 80CD83

 80CD83

FFFFFF

 65B169

 B7FFB9

 4A9651

 D4FFD4

 2E7C39

 F1FFF1

 0C6221

 004A09

 003200

 001D00

 000000

 80CD83

 80CD83

 6BCD6F

 95CD97

 57CD5C

 A9CDAA

 42CD48

 BECDBE

 2ECD34

 D2CDD2

 1ACD20

 E6CDE6

 05CD0D

 FBCDF9

 00CD08

 FFCDFE

# Harmonies

## Analogous

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



B5C366



80CD83



33D2AE

# Triad

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



80CD83



58C3FF



FF999B

# Complementary

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



80CD83



CD80CA

# 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.



FF98C8



80CD83



AFB4FF

# Square

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



80CD83



00CEFF



E9A3F2



FFA575

# Rectangle

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



80CD83



00D3CE



E9A3F2



FF97AA

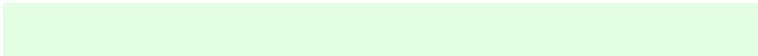


# Sweetspot

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



80CD83



E3FFE4



CACD80



6F8070



000000



808080



# Same Dimension

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



80CD83



8CFF91



80CDA9



5C665C



00A606



002601



# Inverse Universe

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



CD80CA



FF8CFB



CD80A4



665C66



A6009F



260025



# Previews

## White Background



This preview shows how the Hex color 80CD83 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 80CD83 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 80CD83 Background



This preview shows how black text looks on a background with the Hex color 80CD83.

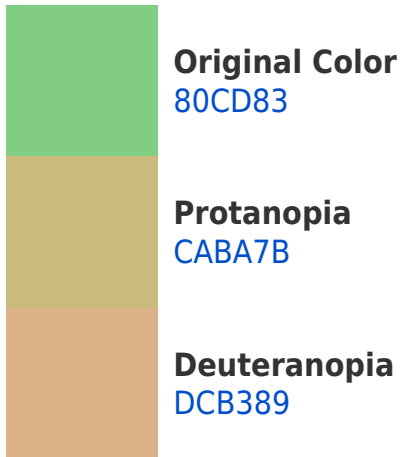


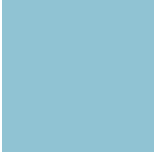
This preview shows how white text looks on a background with the Hex color 80CD83.

# 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**  
90C3D3

# Trichromacy



**Original Color**  
80CD83



**Protanomaly**  
AFC17E



**Deuteranomaly**  
BBBC87



**Tritanomaly**  
8AC7B6

# Monochromacy



**Original Color**  
80CD83



**Achromatopsia**  
AEAEAE



**Achromatomaly**  
9DB99E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 80CD83 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 #80CD83 looks like.

```
.text, #text, p{  
    color:#80CD83  
}
```

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 #80CD83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80CD83
}
```

## Border

The CSS property to change the border of an element to Hex 80CD83 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
#80CD83 }
```

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

```
.border{ border-color:#80CD83 }
```

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

Here you see how a box with a 4 pixel #80CD83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80CD83; -webkit-box-shadow:4px 4px  
4px 4px #80CD83; box-shadow:4px 4px 4px  
4px #80CD83 }
```

# Background

The CSS property to change the background color of an element to Hex 80CD83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80CD83 }
```

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

```
.background{ background-color:#80CD83 }
```

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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