

Converting Colors

Hex(80CB91)

Have a look what the booklet for
Hex(80CB91) contains.

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Color

Hex(80CB91)

Conversions

Conversions Part 1

Format	Color
Hex	80CB91
RGB	128, 203, 145
RGB Percent	50%, 80%, 57%
CMY	0.4980, 0.2039, 0.4314
CMYK	0.37, 0.00, 0.29, 0.20
HSL	134°, 42%, 65%
HSV	134°, 37%, 80%
XYZ	35.3689, 49.3454, 34.4485
YIQ	173.9630, -26.0820, -33.9380

Conversions

Conversions Part 2

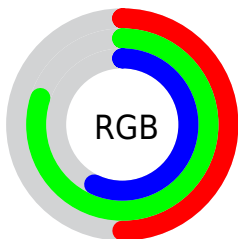
Format	Color
RYB	128, 189, 203
Decimal	8440721
CIELab	75.67, -35.47, 21.76
CIELCh	76, 41.618, 148.470
Yxy	49.3454, 0.2968, 0.4141
Android (android.graphics.Color)	4286630801 (0xFF80CB91)
YUV	173.9630, -14.2788, -40.3096
Hunter-Lab	70.2463, -33.0566, 20.0968

Details

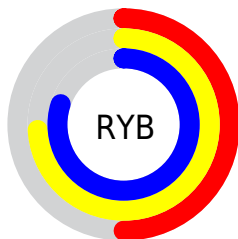
The Hex color **80CB91** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **CB80BA**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **B7FFC7**, and **4B945E** is the 20% darker color. If you saturate the color by 10%, you get **6CCB81**, and if you desaturate by 10%, it is **94CBA1**.

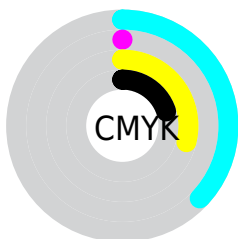
Distribution



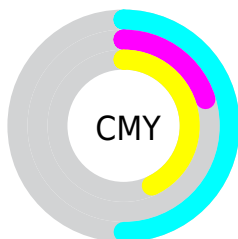
- Red (50%)
- Green (80%)
- Blue (57%)



- Red (50%)
- Yellow (74%)
- Blue (80%)



- Cyan (37%)
- Magenta (0%)
- Yellow (29%)
- Black (20%)



- Cyan (50%)
- Magenta (20%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80CB91 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 80CB91 by changing the saturation by 10% instead.

 80CB91

 80CB91

FFFFFF

 65AF77

 B7FFC7

 4B945E

 D4FFE3

 307A46

 F1FFFF

 10612F

 004819

 003101

 001C00

 000000

 80CB91

 80CB91

 6CCB81

 94CBA1

 57CB72

 A9CBB0

 43CB62

 BDCBC0

 2FCB52

 D1CBD0

 1BCB43

 E6CBDF

 06CB33

 FACBEF

 00CB2E

 FFCBFF

Harmonies

Analogous

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



AEC375



80CB91



4ACFB7

Triad

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



80CB91



7EBFFF



FF9F98

Complementary

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



80CB91



CB80BA

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.



FF9CBE



80CB91



BCB1FE

Square

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



80CB91



32C9FB



E9A4E3



F4AA7A

Rectangle

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



80CB91



18CFD1



E9A4E3



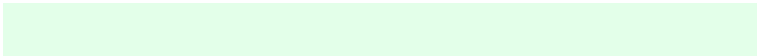
FF9DA4

Sweetspot

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



80CB91



E3FFE9



BBCB80



6F8073



000000



808080

Same Dimension

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



80CB91



8FFFA8



80CBB6



5C665E



00A626



002609

Inverse Universe

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



CB80BA



FF8FE6



CB8095



665C64



A60080



26001E

Previews

White Background



This preview shows how the Hex color 80CB91 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 80CB91 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

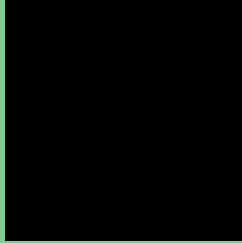
Any Text WCAG AA ✓ Pass

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 80CB91 Background



This preview shows how black text looks on a background with the Hex color 80CB91.



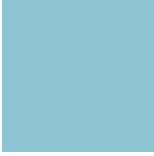
This preview shows how white text looks on a background with the Hex color 80CB91.

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](#).

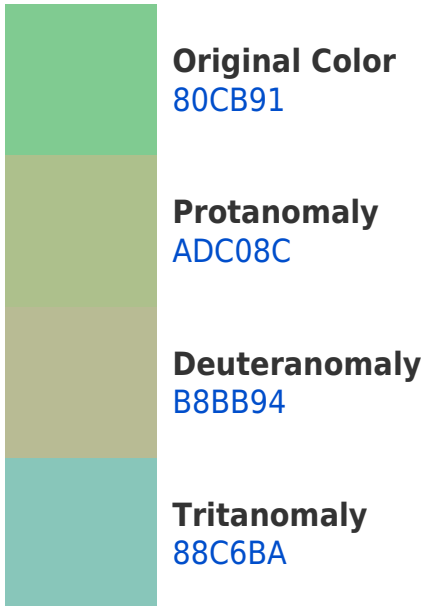
Dichromacy



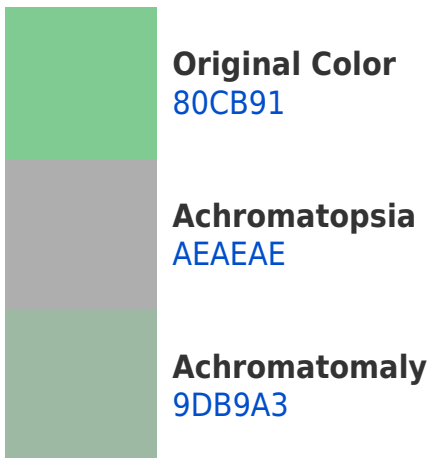


Tritanopia
8DC3D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80CB91 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 #80CB91 looks like.

```
.text, #text, p{  
    color:#80CB91  
}
```

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 #80CB91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80CB91
}
```

Border

The CSS property to change the border of an element to Hex 80CB91 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
#80CB91 }
```

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

```
.border{ border-color:#80CB91 }
```

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

Here you see how a box with a 4 pixel #80CB91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80CB91; -webkit-box-shadow:4px 4px  
4px 4px #80CB91; box-shadow:4px 4px 4px  
4px #80CB91 }
```

Background

The CSS property to change the background color of an element to Hex 80CB91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80CB91 }
```

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

```
.background{ background-color:#80CB91 }
```

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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