

Converting Colors

Hex(80BED1)

Have a look what the booklet for
Hex(80BED1) contains.

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Color

Hex(80BED1)

Conversions

Conversions Part 1

Format	Color
Hex	80BED1
RGB	128, 190, 209
RGB Percent	50%, 75%, 82%
CMY	0.4980, 0.2549, 0.1804
CMYK	0.39, 0.09, 0.00, 0.18
HSL	194°, 47%, 66%
HSV	194°, 39%, 82%
XYZ	38.8242, 46.0196, 67.1580
YIQ	173.6280, -43.0510, -7.2350

Conversions

Conversions Part 2

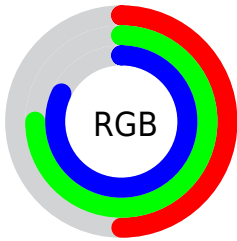
Format	Color
R _Y B	128, 163, 209
Decimal	8437457
CIE Lab	73.56, -15.04, -15.83
CIE LCh	74, 21.839, 226.474
Yxy	46.0196, 0.2554, 0.3028
Android (android.graphics.Color)	4286627537 (0xFF80BED1)
YUV	173.6280, 17.4384, -40.0158
Hunter-Lab	67.8377, -16.5588, -11.2095

Details

The Hex color **80BED1** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D19380**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **B8F6FF**, and **4A899B** is the 20% darker color. If you saturate the color by 10%, you get **6BB9D1**, and if you desaturate by 10%, it is **95C3D1**.

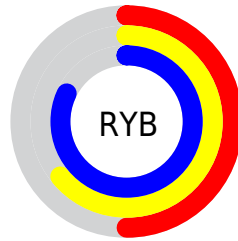
Distribution



Red (50%)

Green (75%)

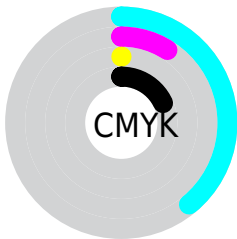
Blue (82%)



Red (50%)

Yellow (64%)

Blue (82%)

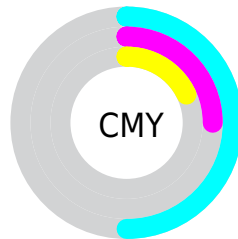


Cyan (39%)

Magenta (9%)

Yellow (0%)

Black (18%)



Cyan (50%)

Magenta (25%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80BED1 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 80BED1 by changing the saturation by 10% instead.

 80BED1

 80BED1

FFFFFF

 65A3B5

 B8F6FF

 4A899B

 D4FFFF

 2E6F81

 F1FFFF

 085767

 003F4F

 002938

 001623

 00000B

 000000

80BED1

80BED1

6BB9D1

95C3D1

56B4D1

AAC8D1

41AFD1

BFCDD1

2CAAD1

D4D2D1

18A5D1

E9D7D1

03A1D1

FDDBD1

00A0D1

FFE0D1

FFE5D1

FFEAD1

Harmonies

Analogous

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



7FC0BF



80BED1



92B9DB

Triad

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



80BED1



D7A7BF



B8B78E

Complementary

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



80BED1



D19380

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.



CCB08E



80BED1



DEA7AA

Square

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



80BED1



C6ACD0



DAAA99



A2BC99

Rectangle

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



80BED1



A3B5DC



DAAA99



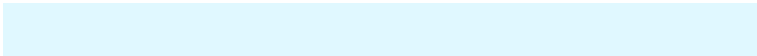
C0B58D

Sweetspot

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



80BED1



E0F8FF



80D193



6E7B80



000000



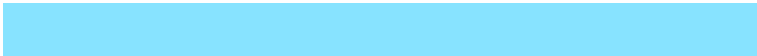
808080

Same Dimension

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



80BED1



87E3FF



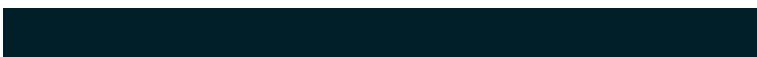
8096D1



5E6669



0081A8



001F29

Inverse Universe

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



D180BE



FF87E3



D1BB80



695E66



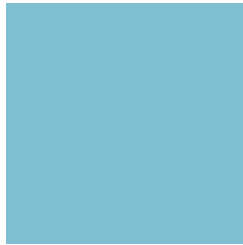
A80081



29001F

Previews

White Background



This preview shows how the Hex color 80BED1 looks on a white background.

Color Contrast Check

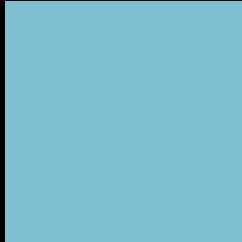
Large Text (above 18pt) WCAG AA × Fail

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 80BED1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

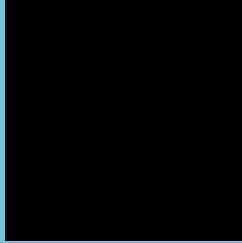
Any Text WCAG AA ✓ Pass

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 80BED1 Background



This preview shows how black text looks on a background with the Hex color 80BED1.

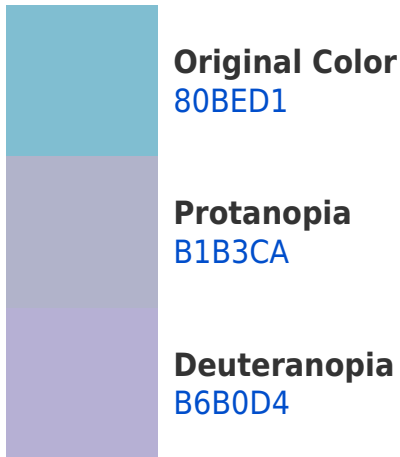


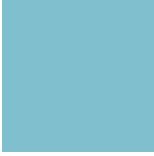
This preview shows how white text looks on a background with the Hex color 80BED1.

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](#).

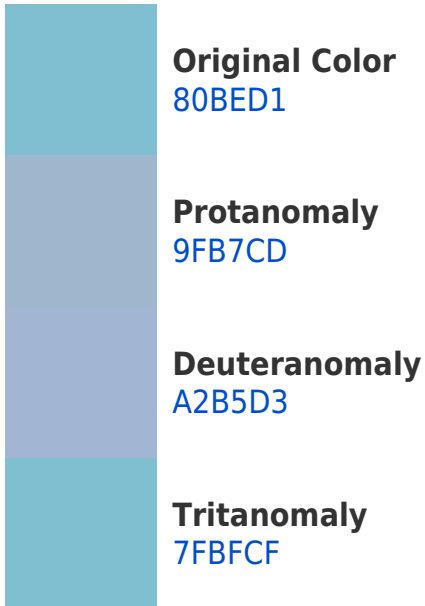
Dichromacy



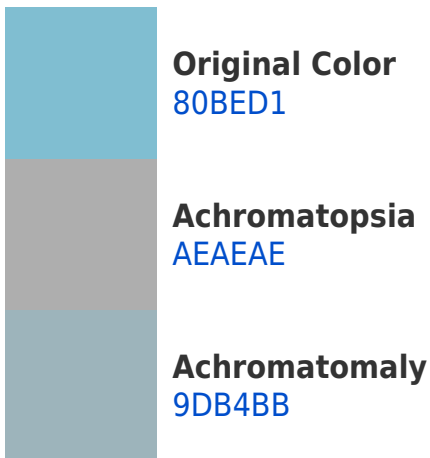


Tritanopia
7FBFCE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80BED1 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 #80BED1 looks like.

```
.text, #text, p{  
    color:#80BED1  
}
```

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 #80BED1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80BED1
}
```

Border

The CSS property to change the border of an element to Hex 80BED1 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
#80BED1 }
```

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

```
.border{ border-color:#80BED1 }
```

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

Here you see how a box with a 4 pixel #80BED1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80BED1; -webkit-box-shadow:4px 4px  
4px 4px #80BED1; box-shadow:4px 4px 4px  
4px #80BED1 }
```

Background

The CSS property to change the background color of an element to Hex 80BED1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80BED1 }
```

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

```
.background{ background-color:#80BED1 }
```

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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