

Converting Colors

Hex(86BBCB)

Have a look what the booklet for
Hex(86BBCB) contains.

Hex(86BBCB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(86BBCB)

Conversions

Conversions Part 1

Format	Color
Hex	86BBCB
RGB	134, 187, 203
RGB Percent	53%, 73%, 80%
CMY	0.4745, 0.2667, 0.2039
CMYK	0.34, 0.08, 0.00, 0.20
HSL	194°, 40%, 66%
HSV	194°, 34%, 80%
XYZ	38.3813, 44.9208, 63.1476
YIQ	172.9770, -36.7240, -6.2600

Conversions

Conversions Part 2

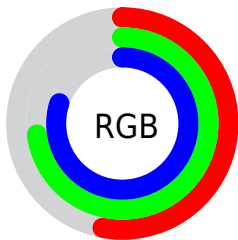
Format	Color
RYB	134, 164, 203
Decimal	8829899
CIELab	72.84, -13.36, -13.62
CIELCh	73, 19.075, 225.543
Yxy	44.9208, 0.2621, 0.3067
Android (android.graphics.Color)	4287019979 (0xFF86BBCB)
YUV	172.9770, 14.8013, -34.1828
Hunter-Lab	67.0230, -15.0705, -8.9457

Details

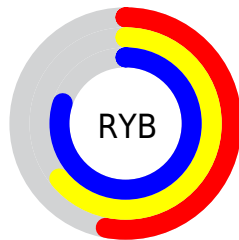
The Hex color **86BBCB** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CB9686**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **BDF3FF**, and **518695** is the 20% darker color. If you saturate the color by 10%, you get **72B6CB**, and if you desaturate by 10%, it is **9AC0CB**.

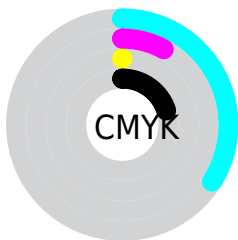
Distribution



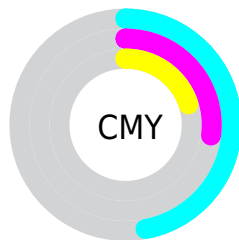
- Red (53%)
- Green (73%)
- Blue (80%)



- Red (53%)
- Yellow (64%)
- Blue (80%)



- Cyan (34%)
- Magenta (8%)
- Yellow (0%)
- Black (20%)



- Cyan (47%)
- Magenta (27%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86BBCB 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 86BBCB by changing the saturation by 10% instead.


 86BBCB

 86BBCB

FFFFFF

 6BA0B0

 BDF3FF

 518695

 DAFFFF

 376C7B

 F7FFFF

 1A5462

 003D4A

 002734

 00131F

 000003

 000000

 86BBCB

 86BBCB

 72B6CB

 9AC0CB

 5DB2CB

 AFC4CB

 49ADCB

 C3C9CB

 35A8CB

 D7CECB

 21A3CB

 ECD3CB

 0C9FCB

 FFD7CB

 009CCB

 FFDCCB

 FFE1CB

 FFE5CB

Harmonies

Analogous

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



85BDBB



86BBCB



95B7D4

Triad

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



86BBCB



D1A7BC



B7B491

Complementary

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



86BBCB



CB9686

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.



C8AF91



86BBCB



D7A7AA

Square

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



86BBCB



C1ABCB



D4AA9B



A3B99A

Rectangle

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



86BBCB



A3B3D5



D4AA9B



BDB390

Sweetspot

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



86BBCB



E6F9FF



86CB95



707C80



000000



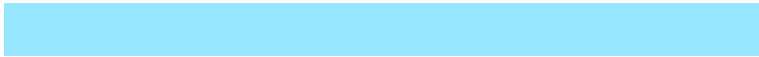
808080

Same Dimension

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



86BBCB



96E7FF



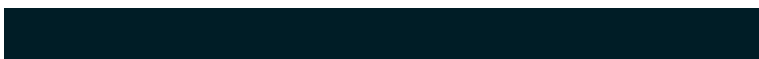
869ACB



5C6466



007FA6



001D26

Inverse Universe

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



CB86BB



FF96E7



CBB786



665C64



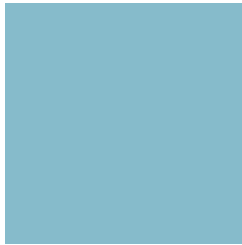
A6007F



26001D

Previews

White Background



This preview shows how the Hex color 86BBCB looks on a white background.

Color Contrast Check

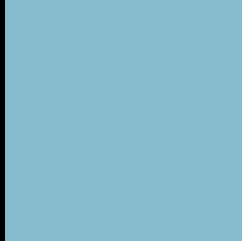
Large Text (above 18pt) WCAG AA × Fail

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 86BBCB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

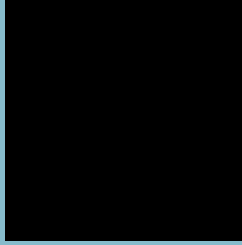
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

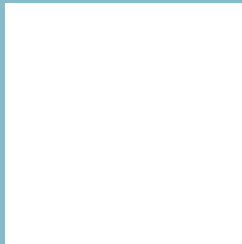
Any Text WCAG AAA ✓ Pass

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

Hex 86BBCB Background



This preview shows how black text looks on a background with the Hex color 86BBCB.

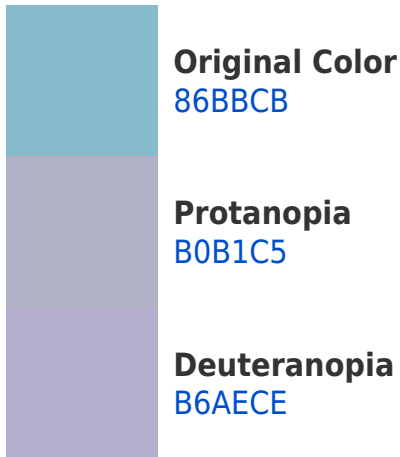


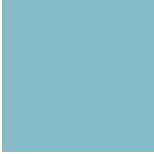
This preview shows how white text looks on a background with the Hex color 86BBCB.

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](#).

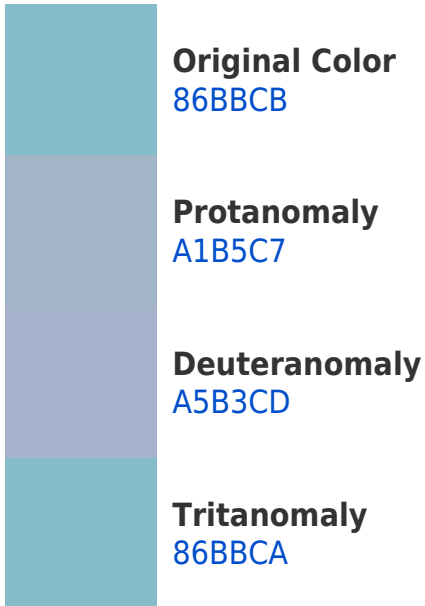
Dichromacy



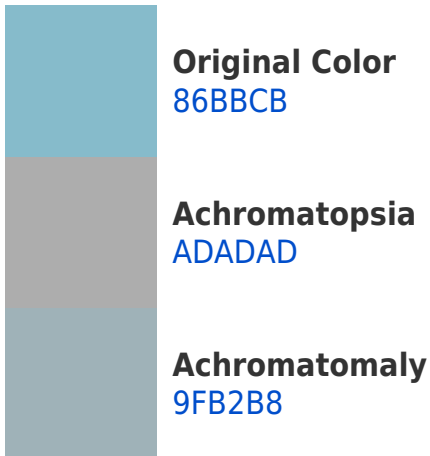


Tritanopia
86BBCA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86BBCB 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 #86BBCB looks like.

```
.text, #text, p{  
    color:#86BBCB  
}
```

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 #86BBCB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86BBCB
}
```

Border

The CSS property to change the border of an element to Hex 86BBCB 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
#86BBCB }
```

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

```
.border{ border-color:#86BBCB }
```

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

Here you see how a box with a 4 pixel #86BBCB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86BBCB; -webkit-box-shadow:4px 4px  
4px 4px #86BBCB; box-shadow:4px 4px 4px  
4px #86BBCB }
```

Background

The CSS property to change the background color of an element to Hex 86BBCB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86BBCB }
```

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

```
.background{ background-color:#86BBCB }
```

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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