

Converting Colors

Hex(86C1B4)

Have a look what the booklet for
Hex(86C1B4) contains.

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Color

Hex(86C1B4)

Conversions

Conversions Part 1

Format	Color
Hex	86C1B4
RGB	134, 193, 180
RGB Percent	53%, 76%, 71%
CMY	0.4745, 0.2431, 0.2941
CMYK	0.31, 0.00, 0.07, 0.24
HSL	167°, 32%, 64%
HSV	167°, 31%, 76%
XYZ	37.1397, 46.5035, 50.1986
YIQ	173.8770, -30.9910, -16.5510

Conversions

Conversions Part 2

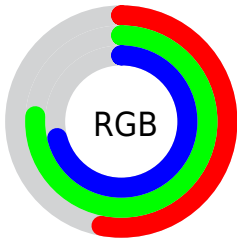
Format	Color
RYB	134, 167, 193
Decimal	8831412
CIELab	73.87, -21.83, 0.45
CIELCh	74, 21.838, 178.830
Yxy	46.5035, 0.2775, 0.3475
Android (android.graphics.Color)	4287021492 (0xFF86C1B4)
YUV	173.8770, 3.0186, -34.9721
Hunter-Lab	68.1935, -22.1236, 4.0909

Details

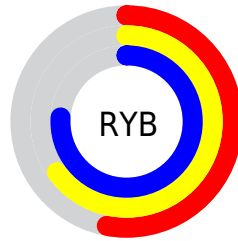
The Hex color **86C1B4** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C18693**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **BDFAEC**, and **528B7F** is the 20% darker color. If you saturate the color by 10%, you get **73C1B0**, and if you desaturate by 10%, it is **99C1B8**.

Distribution



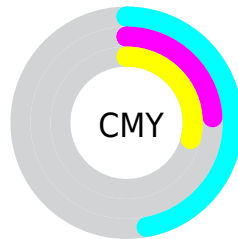
- Red (53%)
- Green (76%)
- Blue (71%)



- Red (53%)
- Yellow (65%)
- Blue (76%)



- Cyan (31%)
- Magenta (0%)
- Yellow (7%)
- Black (24%)



- Cyan (47%)
- Magenta (24%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86C1B4 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 86C1B4 by changing the saturation by 10% instead.



86C1B4



86C1B4

FFFFFF



6CA699



BDFAEC



528B7F



D9FFFF



387266



F6FFFF



1E594E



004138



002B22



00160C



000000



86C1B4



86C1B4

 73C1B0

 99C1B8

 5FC1AB

 ADC1BD

 4CC1A7

 C0C1C1

 39C1A3

 D3C1C5

 26C19F

 E7C1C9

 12C19A

 FAC1CE

 00C196

 FFC1D2

 FFC1D6

 FFC1DA

Harmonies

Analogous

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



99BFA0



86C1B4



7EC0C8

Triad

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



86C1B4



B8B1D9



D6AD94

Complementary

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



86C1B4



C18693

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.



DFA9A3



86C1B4



CFABCB

Square

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



86C1B4



9DB8DD



DCA7B7



C6B48E

Rectangle

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



86C1B4



82BFD3



DCA7B7



DAAB98

Sweetspot

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



86C1B4



E3FAF5



94C186



6F7D7A



FCFCFC



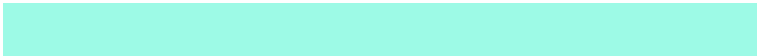
7D7D7D

Same Dimension

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



86C1B4



9DFAE6



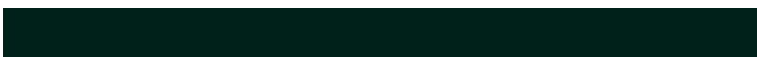
86B1C1



57615F



00A17D



00211A

Inverse Universe

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



C18693



FA9DB2



C19686



615759



A10023



210007

Previews

White Background



This preview shows how the Hex color 86C1B4 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 86C1B4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

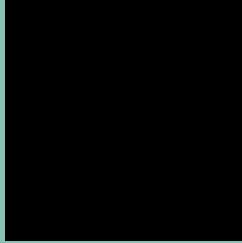
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

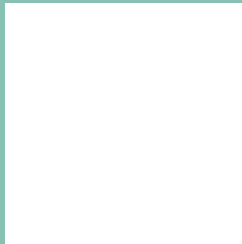
Any Text WCAG AAA ✓ Pass

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

Hex 86C1B4 Background



This preview shows how black text looks on a background with the Hex color 86C1B4.

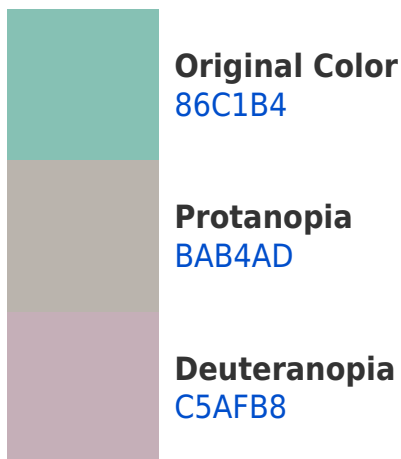


This preview shows how white text looks on a background with the Hex color 86C1B4.

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
8BBDCD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86C1B4 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 #86C1B4 looks like.

```
.text, #text, p{  
    color:#86C1B4  
}
```

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 #86C1B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86C1B4
}
```

Border

The CSS property to change the border of an element to Hex 86C1B4 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
#86C1B4 }
```

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

```
.border{ border-color:#86C1B4 }
```

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

Here you see how a box with a 4 pixel #86C1B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86C1B4; -webkit-box-shadow:4px 4px  
4px 4px #86C1B4; box-shadow:4px 4px 4px  
4px #86C1B4 }
```

Background

The CSS property to change the background color of an element to Hex 86C1B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86C1B4 }
```

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

```
.background{ background-color:#86C1B4 }
```

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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