

# Converting Colors

Hex(B7E990)

Have a look what the booklet for  
Hex(B7E990) contains.

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**Color**

**Hex(B7E990)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7E990
RGB	183, 233, 144
RGB Percent	72%, 91%, 56%
CMY	0.2824, 0.0863, 0.4353
CMYK	0.21, 0.00, 0.38, 0.09
HSL	94°, 67%, 74%
HSV	94°, 38%, 91%
XYZ	53.7014, 70.3587, 37.1358
YIQ	207.9040, -1.2310, -38.2790

# Conversions

## Conversions Part 2

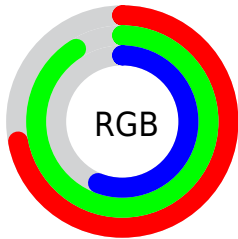
<b>Format</b>	<b>Color</b>
<b>RYB</b>	144, 233, 194
Decimal	12052880
CIELab	87.17, -31.36, 38.15
CIELCh	87, 49.382, 129.421
Yxy	70.3587, 0.3331, 0.4365
Android (android.graphics.Color)	4290242960 (0xFFB7E990)
YUV	207.9040, -31.5047, -21.8408
Hunter-Lab	83.8801, -32.5116, 32.4669

# Details

The Hex color **B7E990** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **C290E9**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **F0FFC7**, and **80B15C** is the 20% darker color. If you saturate the color by 10%, you get **AAE979**, and if you desaturate by 10%, it is **C4E9A7**.

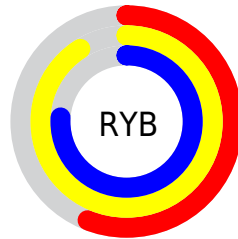
# Distribution



Red (72%)

Green (91%)

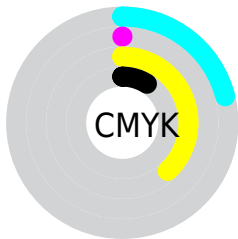
Blue (56%)



Red (56%)

Yellow (91%)

Blue (76%)

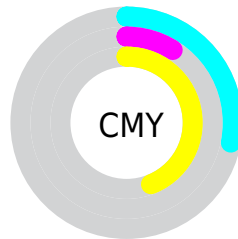


Cyan (21%)

Magenta (0%)

Yellow (38%)

Black (9%)



Cyan (28%)

Magenta (9%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B7E990 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 B7E990 by changing the saturation by 10% instead.



 B7E990

 B7E990

FFFFFF

 9BCD76

 F0FFC7

 80B15C

 FFFFE3

 669643

 4C7C2B

 326311

 184B00

 003300

 002100

 000000

 B7E990

 B7E990

 AAE979

 C4E9A7

 9DE961

 D1E9BF

 90E94A

 DEE9D6

 83E933

 EBE9ED

 76E91B

 F8E9FF

 68E904

 FFE9FF

 66E900

# Harmonies

## Analogous

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



EADC7C



B7E990



7BF1B8

# Triad

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



B7E990



4FE8FF



FFB5CD

# Complementary

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



B7E990



C290E9

# Split Complementary

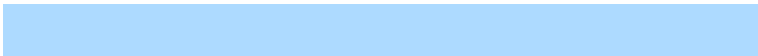
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFBAFC



B7E990



ADDAFF

# Square

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



B7E990



00F1FF



F3C9FF



FFBDA1

# Rectangle

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



B7E990



46F3D8



F3C9FF



FFB5DD



# Sweetspot

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



B7E990



EFFFE3



E9C190



76806F



000000



808080

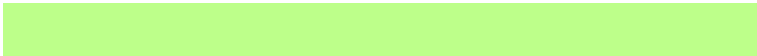


# Same Dimension

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



B7E990



BDF8A



90E994



6F756A



4FB500



173600



# Inverse Universe

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



C290E9



CC8AFF



E990E5



706A75



6600B5



1E0036



# Previews

## White Background



This preview shows how the Hex color B7E990 looks on a white background.

## Color Contrast Check

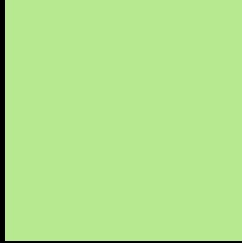
Large Text (above 18pt) WCAG AA × Fail

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 B7E990 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 B7E990 Background



This preview shows how black text looks on a background with the Hex color B7E990.

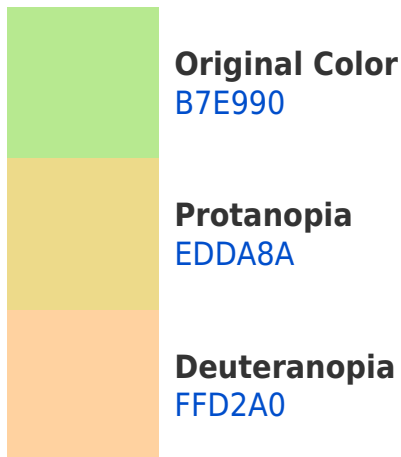


This preview shows how white text looks on a background with the Hex color B7E990.

# 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





# Trichromacy



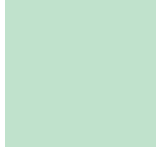
**Original Color**  
B7E990



**Protanomaly**  
D9DF8C



**Deuteranomaly**  
E5DA9A

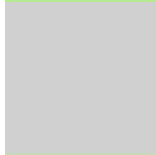


**Tritanomaly**  
C0E2CC

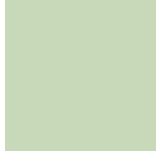
# Monochromacy



**Original Color**  
B7E990



**Achromatopsia**  
D0D0D0



**Achromatomaly**  
C7D9B9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7E990 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 #B7E990 looks like.

```
.text, #text, p{  
    color:#B7E990  
}
```

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 #B7E990 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7E990
}
```

## Border

The CSS property to change the border of an element to Hex B7E990 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
#B7E990 }
```

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

```
.border{ border-color:#B7E990 }
```

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

Here you see how a box with a 4 pixel #B7E990 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7E990; -webkit-box-shadow:4px 4px  
4px 4px #B7E990; box-shadow:4px 4px 4px  
4px #B7E990 }
```

# Background

The CSS property to change the background color of an element to Hex B7E990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7E990 }
```

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

```
.background{ background-color:#B7E990 }
```

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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