

# Converting Colors

Hex(B7E695)

Have a look what the booklet for  
Hex(B7E695) contains.

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**Color**

**Hex(B7E695)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">B7E695</a>
RGB	<a href="#">183, 230, 149</a>
RGB Percent	<a href="#">72%, 90%, 58%</a>
CMY	<a href="#">0.2824, 0.0980, 0.4157</a>
CMYK	<a href="#">0.20, 0.00, 0.35, 0.10</a>
HSL	<a href="#">95°, 62%, 74%</a>
HSV	<a href="#">95°, 35%, 90%</a>
XYZ	<a href="#">53.2501, 68.8308, 38.9129</a>
YIQ	<a href="#">206.7130, -2.0110, -35.1550</a>

# Conversions

## Conversions Part 2

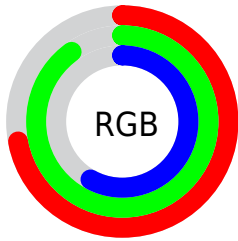
Format	Color
<a href="#">RYB</a>	<a href="#">149, 230, 196</a>
Decimal	<a href="#">12052117</a>
CIELab	<a href="#">86.42, -29.28, 34.66</a>
CIElCh	<a href="#">86, 45.367, 130.190</a>
Yxy	<a href="#">68.8308, 0.3308, 0.4275</a>
Android (android.graphics.Color)	<a href="#">4290242197 (0xFFB7E695)</a>
YUV	<a href="#">206.7130, -28.4525, -20.7963</a>
Hunter-Lab	<a href="#">82.9644, -30.6187, 30.2662</a>

# Details

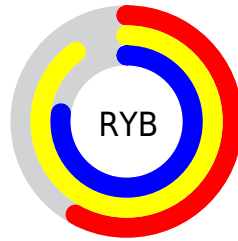
The Hex color **B7E695** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **C495E6**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **F0FFCC**, and **81AE61** is the 20% darker color. If you saturate the color by 10%, you get **AAE67E**, and if you desaturate by 10%, it is **C4E6AC**.

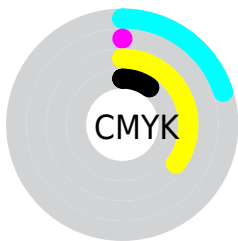
# Distribution



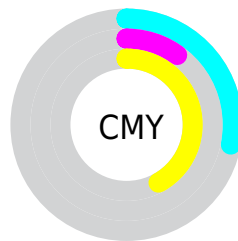
- Red (72%)
- Green (90%)
- Blue (58%)



- Red (58%)
- Yellow (90%)
- Blue (77%)



- Cyan (20%)
- Magenta (0%)
- Yellow (35%)
- Black (10%)



- Cyan (28%)
- Magenta (10%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B7E695 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 B7E695 by changing the saturation by 10% instead.



 B7E695

 B7E695

FFFFFF

 9BCA7B

 F0FFCC

 81AE61

 FFFFE8

 669348

 4D7A30

 346018

 1A4800

 003100

 001E00

 000000

 B7E695

 B7E695

 AAE67E

 C4E6AC

 9CE667

 D2E6C3

 8FE650

 DFE6DA

 82E639

 ECE6F1

 74E622

 FAE6FF

 67E60B

 FFE6FF

 61E600

# Harmonies

## Analogous

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



E6DA82



B7E695



81EDBA

# Triad

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



B7E695



66E5FF



FFB7CB

# Complementary

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



B7E695



C495E6

# Split Complementary

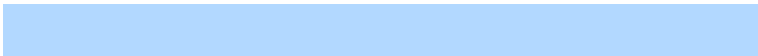
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFBBF6



B7E695



B2D8FF

# Square

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



B7E695



17EDFF



F0C8FF



FFBEA3

# Rectangle

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



B7E695



58EFD7



F0C8FF



FFB7DA



# Sweetspot

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



B7E695



EFFFE3



E6C395



76806F



000000



808080

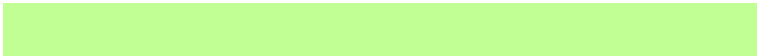


# Same Dimension

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



B7E695



C1FF94



95E69A



6C7367



4BB300



153300



# Inverse Universe

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



C495E6



D294FF



E695E1



6E6773



6800B3



1E0033



# Previews

## White Background



This preview shows how the Hex color B7E695 looks on a white background.

## Color Contrast Check

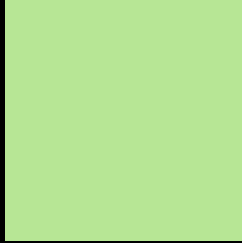
Large Text (above 18pt) WCAG AA × Fail

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 B7E695 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 B7E695 Background



This preview shows how black text looks on a background with the Hex color B7E695.

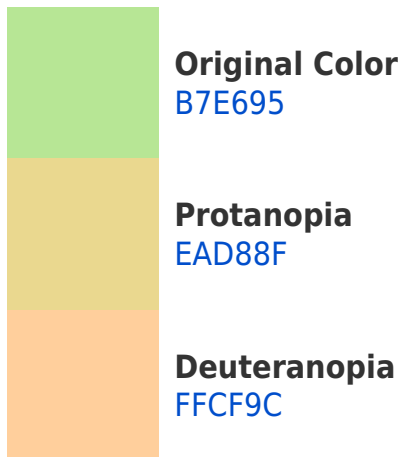


This preview shows how white text looks on a background with the Hex color B7E695.

# 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



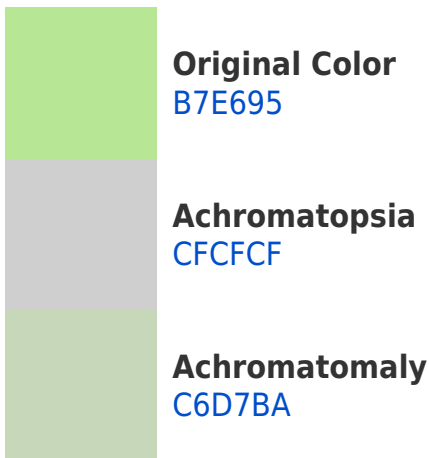


**Tritanopia**  
C4DBED

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7E695 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 #B7E695 looks like.

```
.text, #text, p{  
    color:#B7E695  
}
```

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 #B7E695 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7E695
}
```

## Border

The CSS property to change the border of an element to Hex B7E695 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
#B7E695 }
```

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

```
.border{ border-color:#B7E695 }
```

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

Here you see how a box with a 4 pixel #B7E695 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7E695; -webkit-box-shadow:4px 4px  
4px 4px #B7E695; box-shadow:4px 4px 4px  
4px #B7E695 }
```

# Background

The CSS property to change the background color of an element to Hex B7E695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7E695 }
```

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

```
.background{ background-color:#B7E695 }
```

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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