

# Converting Colors

Hex(BED69E)

Have a look what the booklet for  
Hex(BED69E) contains.

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# **Color**

**Hex(BED69E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">BED69E</a>
RGB	<a href="#">190, 214, 158</a>
RGB Percent	<a href="#">75%, 84%, 62%</a>
CMY	<a href="#">0.2549, 0.1608, 0.3804</a>
CMYK	<a href="#">0.11, 0.00, 0.26, 0.16</a>
HSL	<a href="#">86°, 41%, 73%</a>
HSV	<a href="#">86°, 26%, 84%</a>
XYZ	<a href="#">51.4533, 61.5089, 41.5083</a>
YIQ	<a href="#">200.4400, 3.6720, -22.5040</a>

# Conversions

## Conversions Part 2

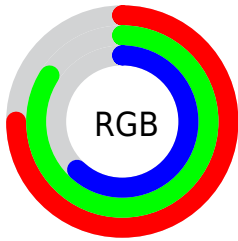
<b>Format</b>	<b>Color</b>
<b>RYB</b>	158, 214, 182
Decimal	12506782
CIELab	82.65, -17.72, 25.07
CIELCh	83, 30.702, 125.255
Yxy	61.5089, 0.3331, 0.3982
Android (android.graphics.Color)	4290696862 (0xFFBED69E)
YUV	200.4400, -20.9229, -9.1559
Hunter-Lab	78.4276, -20.1414, 23.5197

# Details

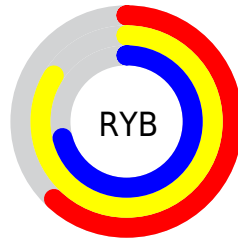
The Hex color **BED69E** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **B69ED6**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **F7FFD5**, and **889F6A** is the 20% darker color. If you saturate the color by 10%, you get **B5D689**, and if you desaturate by 10%, it is **C7D6B3**.

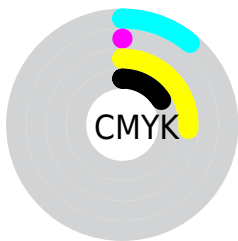
# Distribution



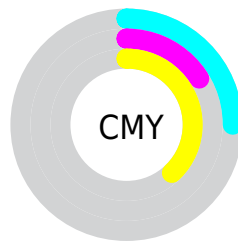
- Red (75%)
- Green (84%)
- Blue (62%)



- Red (62%)
- Yellow (84%)
- Blue (71%)



- Cyan (11%)
- Magenta (0%)
- Yellow (26%)
- Black (16%)



- Cyan (25%)
- Magenta (16%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BED69E 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 BED69E by changing the saturation by 10% instead.



 BED69E

FFFFFF

 F7FFD5

 FFFFF1

 BED69E

 A3BA84

 889F6A

 6E8552

 556C3A

 3D5323

 263C0D

 122600

 001100

 000000

 BED69E

 BED69E

 B5D689

 C7D6B3

 ACD673

 D0D6C9

 A2D65E

 DAD6DE

 99D648

 E3D6F4

 90D633

 ECD6FF

 87D61E

 F5D6FF

 7ED608

 FED6FF

 7AD600

 FFD6FF

# Harmonies

## Analogous

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



DECD94



BED69E



9DDCB5

# Triad

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



BED69E



8AD7FF



FFB9CA

# Complementary

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



BED69E



B69ED6

# 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.



F7BCE6



BED69E



B1CFFF

# Square

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



BED69E



77DCEE



D9C5FD



FFBCAE

# Rectangle

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



BED69E



89DEC8



D9C5FD



FFB9D3

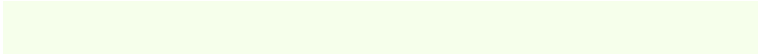


# Sweetspot

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



BED69E



F6FFEB



D6B59E



7A8073



000000



808080

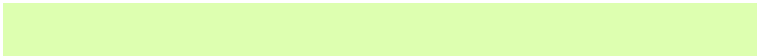


# Same Dimension

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



BED69E



DFFB0



A3D69E



676B60



62AB00



192B00



# Inverse Universe

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



B69ED6



D2B0FF



D19ED6



65606B



4900AB



13002B



# Previews

## White Background



This preview shows how the Hex color BED69E 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 BED69E looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

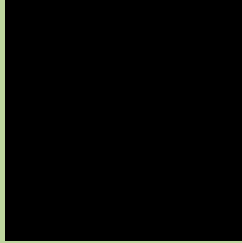
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BED69E Background



This preview shows how black text looks on a background with the Hex color BED69E.

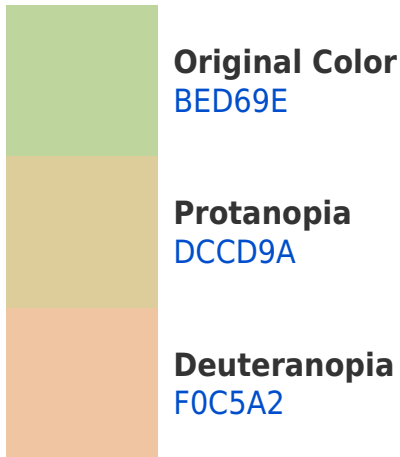


This preview shows how white text looks on a background with the Hex color BED69E.

# Color Blindness Simulation

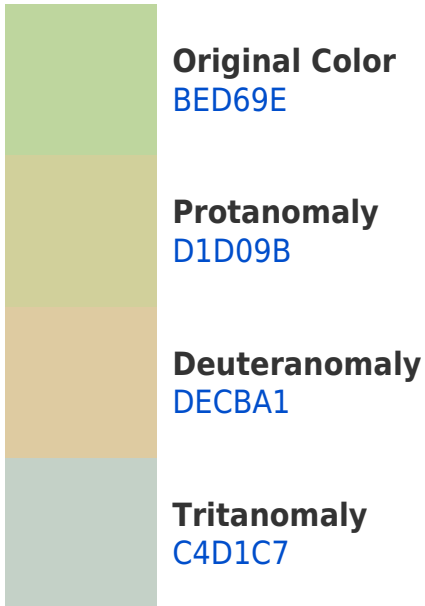
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BED69E 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 #BED69E looks like.

```
.text, #text, p{  
    color:#BED69E  
}
```

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 #BED69E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BED69E
}
```

## Border

The CSS property to change the border of an element to Hex BED69E 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
#BED69E }
```

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

```
.border{ border-color:#BED69E }
```

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

Here you see how a box with a 4 pixel #BED69E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BED69E; -webkit-box-shadow:4px 4px  
4px 4px #BED69E; box-shadow:4px 4px 4px  
4px #BED69E }
```

# Background

The CSS property to change the background color of an element to Hex BED69E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BED69E }
```

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

```
.background{ background-color:#BED69E }
```

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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