

# Converting Colors

Hex(BED771)

Have a look what the booklet for  
Hex(BED771) contains.

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**Color**

**Hex(BED771)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BED771
RGB	190, 215, 113
RGB Percent	75%, 84%, 44%
CMY	0.2549, 0.1569, 0.5569
CMYK	0.12, 0.00, 0.47, 0.16
HSL	75°, 56%, 64%
HSV	75°, 47%, 84%
XYZ	48.5163, 60.7403, 24.7898
YIQ	195.8970, 17.8420, -37.0220

# Conversions

## Conversions Part 2

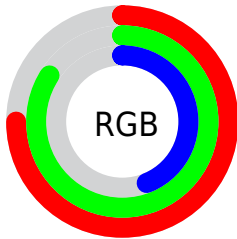
<b>Format</b>	<b>Color</b>
<b>RYB</b>	113, 215, 138
Decimal	12506993
CIELab	82.24, -23.85, 47.25
CIElCh	82, 52.931, 116.780
Yxy	60.7403, 0.3619, 0.4531
Android (android.graphics.Color)	4290697073 (0xFFBED771)
YUV	195.8970, -40.8682, -5.1717
Hunter-Lab	77.9361, -25.2694, 35.6964

# Details

The Hex color **BED771** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **8A71D7**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **F8FFA7**, and **87A03D** is the 20% darker color. If you saturate the color by 10%, you get **B9D75C**, and if you desaturate by 10%, it is **C3D787**.

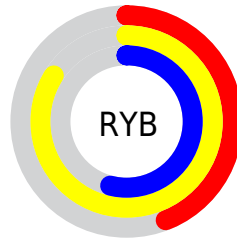
# Distribution



Red (75%)

Green (84%)

Blue (44%)



Red (44%)

Yellow (84%)

Blue (54%)

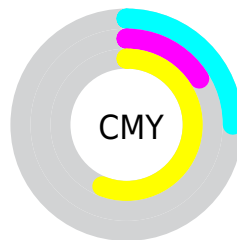


Cyan (12%)

Magenta (0%)

Yellow (47%)

Black (16%)



Cyan (25%)

Magenta (16%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BED771 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 BED771 by changing the saturation by 10% instead.



 BED771

 BED771

FFFFFF

 A2BB57

 F8FFA7

 87A03D

 FFFFC3

 6C8623

 FFFFDF

 526D03

 FFFFFC

 395400

 1F3D00

 022700

 000F00

 000000

 BED771

 BED771

 B9D75C

 C3D787

 B3D746

 C9D79C

 AED731

 CED7B2

 A9D71B

 D3D7C7

 A4D705

 D8D7DD

 A2D700

 DED7F2

 E3D7FF

 E8D7FF

 EDD7FF

# Harmonies

## Analogous

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



F0C867



BED771



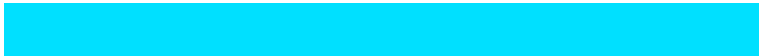
82E194

# Triad

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



BED771



00E0FF



FFA4D4

# Complementary

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



BED771



8A71D7

# 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.



FFAFFF



BED771



6DD3FF

# Square

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



BED771



00E6F8



C9C2FF



FFA7A2

# Rectangle

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



BED771



4BE5B4



C9C2FF



FFA6E5

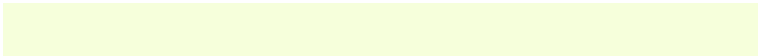


# Sweetspot

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



BED771



F6FFDB



D78971



7A806A



000000



808080



# Same Dimension

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



BED771



DBFF6E



8CD771



686B60



81AB00



212B00



# Inverse Universe

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



8A71D7



916EFF



BC71D7



63606B



2A00AB

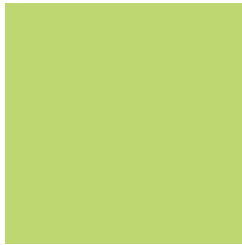


0B002B



# Previews

## White Background



This preview shows how the Hex color BED771 looks on a white background.

## Color Contrast Check

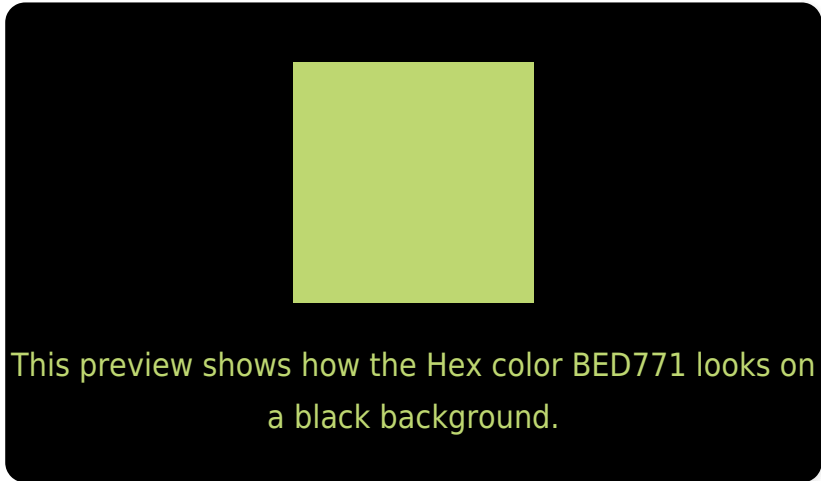
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 BED771 Background



This preview shows how black text looks on a background with the Hex color BED771.

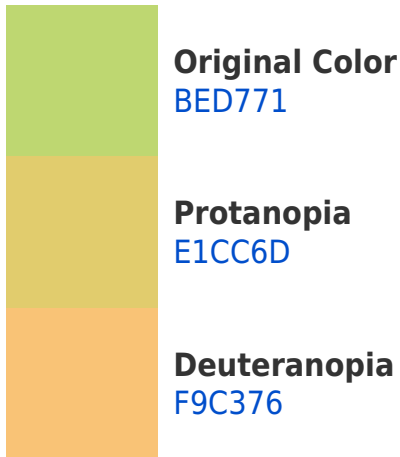


This preview shows how white text looks on a background with the Hex color BED771.

# Color Blindness Simulation

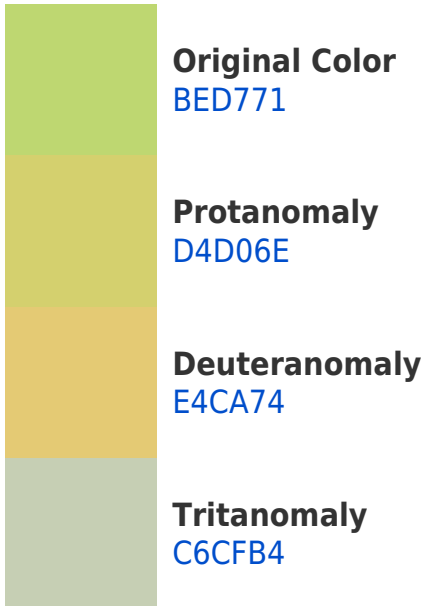
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BED771 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 #BED771 looks like.

```
.text, #text, p{  
    color:#BED771  
}
```

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 #BED771 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BED771
}
```

## Border

The CSS property to change the border of an element to Hex BED771 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
#BED771 }
```

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

```
.border{ border-color:#BED771 }
```

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

Here you see how a box with a 4 pixel #BED771 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BED771; -webkit-box-shadow:4px 4px  
4px 4px #BED771; box-shadow:4px 4px 4px  
4px #BED771 }
```

# Background

The CSS property to change the background color of an element to Hex BED771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BED771 }
```

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

```
.background{ background-color:#BED771 }
```

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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