

Converting Colors

Hex(BEED77)

Have a look what the booklet for
Hex(BEED77) contains.

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Color

Hex(BEED77)

Conversions

Conversions Part 1

Format	Color
Hex	BEED77
RGB	190, 237, 119
RGB Percent	75%, 93%, 47%
CMY	0.2549, 0.0706, 0.5333
CMYK	0.20, 0.00, 0.50, 0.07
HSL	84°, 77%, 70%
HSV	84°, 50%, 93%
XYZ	54.8492, 72.8474, 28.6229
YIQ	209.4950, 9.8660, -46.6620

Conversions

Conversions Part 2

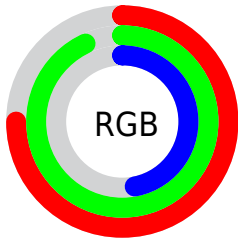
Format	Color
RYB	119, 237, 166
Decimal	12512631
CIELab	88.37, -33.62, 51.84
CIElCh	88, 61.784, 122.963
Yxy	72.8474, 0.3509, 0.4660
Android (android.graphics.Color)	4290702711 (0xFFBEED77)
YUV	209.4950, -44.6140, -17.0971
Hunter-Lab	85.3507, -34.6538, 39.8622

Details

The Hex color **BEED77** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **A677ED**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **F8FFAE**, and **86B542** is the 20% darker color. If you saturate the color by 10%, you get **B5ED5F**, and if you desaturate by 10%, it is **C7ED8F**.

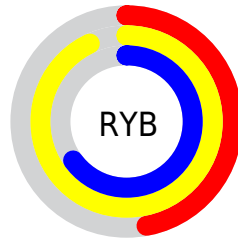
Distribution



Red (75%)

Green (93%)

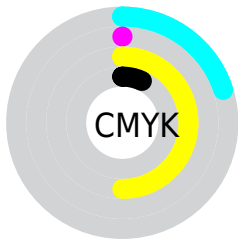
Blue (47%)



Red (47%)

Yellow (93%)

Blue (65%)

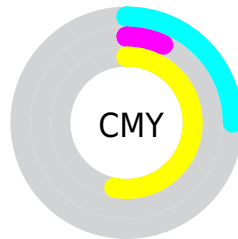


Cyan (20%)

Magenta (0%)

Yellow (50%)

Black (7%)



Cyan (25%)

Magenta (7%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color BEED77 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 BEED77 by changing the saturation by 10% instead.

 BEED77

 BEED77

FFFFFF

 A2D15D

 F8FFAE

 86B542

 FFFFC A

 6B9A27

 FFFF E6

 508003

 356600

 1A4E00

 003700

 002300

 000000

 BEED77

 BEED77

 B5ED5F

 C7ED8F

 ABED48

 D1EDA6

 A2ED30

 DAEDBE

 98ED18

 E4EDD6

 8FED00

 EDEDED

 F7EDFF

 FFEDFF

Harmonies

Analogous

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



FBDC64



BEED77



6FF7A6

Triad

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



BEED77



00F2FF



FFACDA

Complementary

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



BEED77



A677ED

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.



FFB6FF



BEED77



80E2FF

Square

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



BEED77



00FAFF



EACCFE



FFB4A1

Rectangle

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



BEED77



00FBCD



EACCFE



FFAEE

Sweetspot

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



BEED77



F0FFD9



EDA477



768069



000000



808080

Same Dimension

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



BEED77



C2FF66



85ED77



71756A



6DB500



203600

Inverse Universe

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



A677ED



A366FF



DF77ED



6E6A75



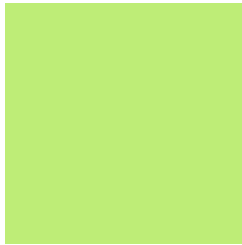
4800B5



150036

Previews

White Background



This preview shows how the Hex color BEED77 looks on a white background.

Color Contrast Check

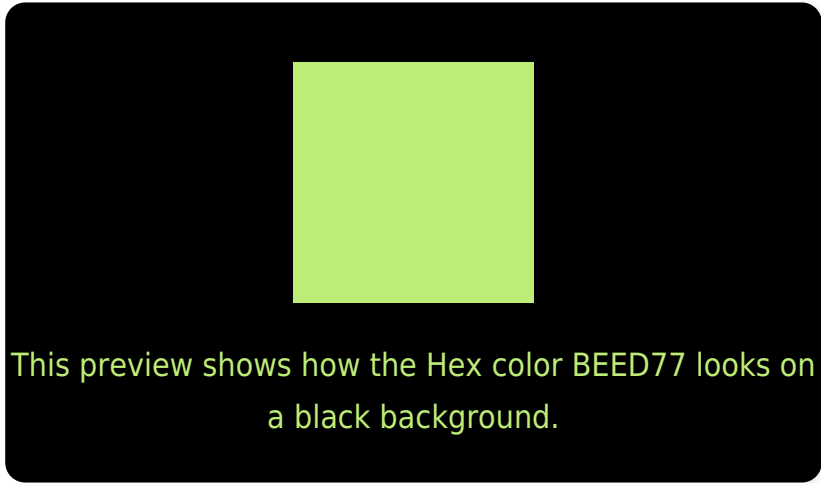
Large Text (above 18pt) WCAG AA × Fail

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 BEED77 Background



This preview shows how black text looks on a background with the Hex color BEED77.

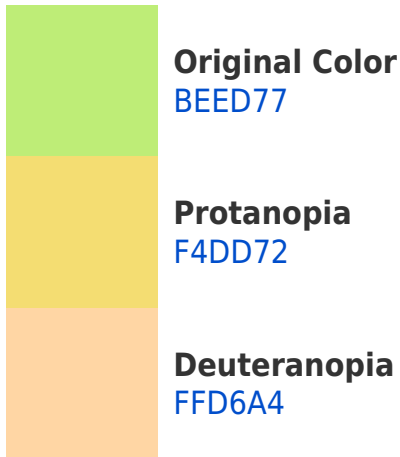


This preview shows how white text looks on a background with the Hex color BEED77.

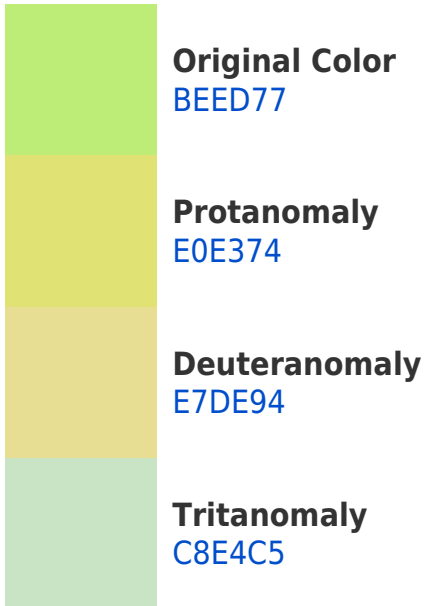
Color Blindness Simulation

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](#).

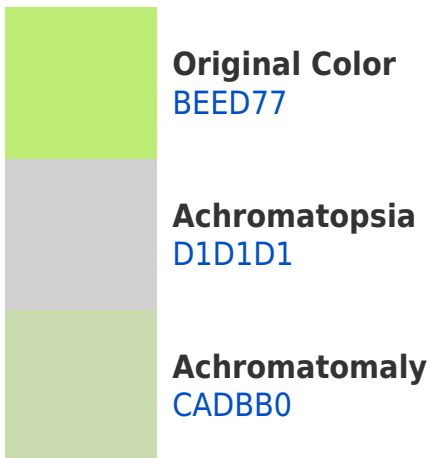
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BEED77 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 #BEED77 looks like.

```
.text, #text, p{  
  color:#BEED77  
}
```

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 #BEED77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEED77
}
```

Border

The CSS property to change the border of an element to Hex BEED77 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
#BEED77 }
```

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

```
.border{ border-color:#BEED77 }
```

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

Here you see how a box with a 4 pixel #BEED77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEED77; -webkit-box-shadow:4px 4px  
4px 4px #BEED77; box-shadow:4px 4px 4px  
4px #BEED77 }
```

Background

The CSS property to change the background color of an element to Hex BEED77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEED77 }
```

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

```
.background{ background-color:#BEED77 }
```

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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