

Converting Colors

Hex(BEED63)

Have a look what the booklet for
Hex(BEED63) contains.

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Color

Hex(BEED63)

Conversions

Conversions Part 1

Format	Color
Hex	BEED63
RGB	190, 237, 99
RGB Percent	75%, 93%, 39%
CMY	0.2549, 0.0706, 0.6118
CMYK	0.20, 0.00, 0.58, 0.07
HSL	80°, 79%, 66%
HSV	80°, 58%, 93%
XYZ	53.7715, 72.4164, 22.9481
YIQ	207.2150, 16.2860, -52.8820

Conversions

Conversions Part 2

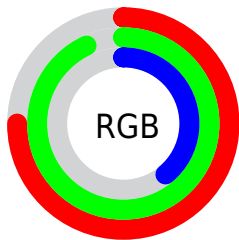
Format	Color
RYB	99, 237, 146
Decimal	12512611
CIELab	88.17, -35.47, 60.58
CIELCh	88, 70.201, 120.351
Yxy	72.4164, 0.3606, 0.4856
Android (android.graphics.Color)	4290702691 (0xFFBEED63)
YUV	207.2150, -53.3500, -15.0976
Hunter-Lab	85.0978, -36.1308, 43.5799

Details

The Hex color **BEED63** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **9263ED**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **F9FF9A**, and **85B52B** is the 20% darker color. If you saturate the color by 10%, you get **B6ED4B**, and if you desaturate by 10%, it is **C6ED7B**.

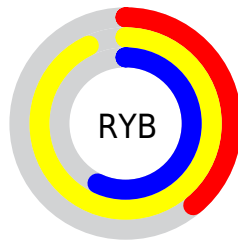
Distribution



Red (75%)

Green (93%)

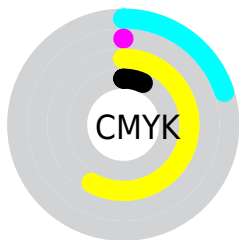
Blue (39%)



Red (39%)

Yellow (93%)

Blue (57%)

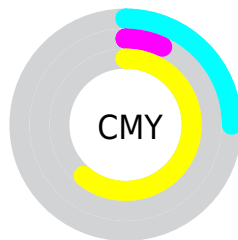


Cyan (20%)

Magenta (0%)

Yellow (58%)

Black (7%)



Cyan (25%)

Magenta (7%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color BEED63 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 BEED63 by changing the saturation by 10% instead.

 BEED63

 BEED63

FFFFFF

 A1D148

 F9FF9A

 85B52B

 FFFFB6

 6A9A01

 FFFFD3

 4E8000

 FFFFF0

 336600

 134E00

 003700

 002300

 000000

 BEED63

 BEED63

 B6ED4B

 C6ED7B

 AEED34

 CEED92

 A6ED1C

 D6EDAA

 9EED04

 DEEDC2

 9CED00

 E6EDD9

 EEEDF1

 F7EDFF

 FFEDFF

Harmonies

Analogous

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



FFDA4F



BEED63



61F998

Triad

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



BEED63



00F5FF



FFA2DF

Complementary

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



BEED63



9263ED

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.



FFB0FF



BEED63



49E4FF

Square

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



BEED63



00DFF



E0CBFF



FFAA9D

Rectangle

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



BEED63



00FDC5



E0CBFF



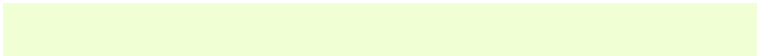
FFA4F6

Sweetspot

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



BEED63



F0FFD4



ED9163



778066



000000



808080

Same Dimension

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



BEED63



C2FF4D



7AED63



71756A



77B500



233600

Inverse Universe

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



9263ED



894DFF



D663ED



6E6A75



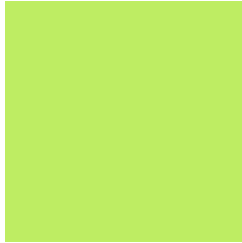
3E00B5



120036

Previews

White Background



This preview shows how the Hex color BEED63 looks on a white background.

Color Contrast Check

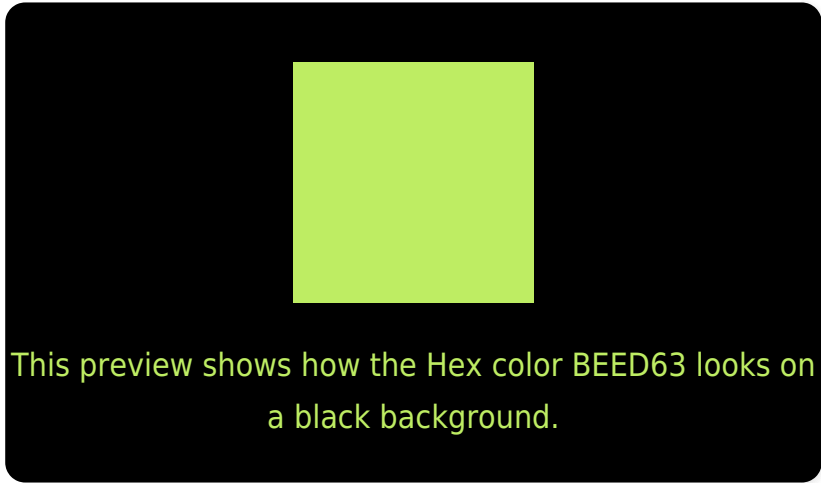
Large Text (above 18pt) WCAG AA × Fail

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 BEED63 Background



This preview shows how black text looks on a background with the Hex color BEED63.

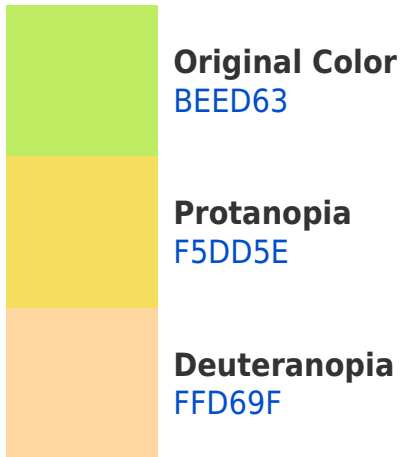


This preview shows how white text looks on a background with the Hex color BEED63.

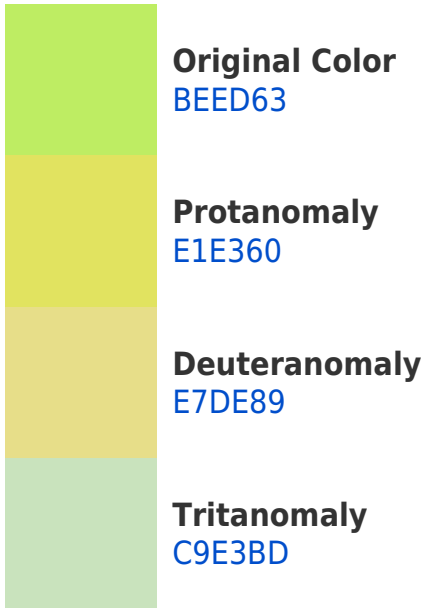
Color Blindness Simulation

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](#).

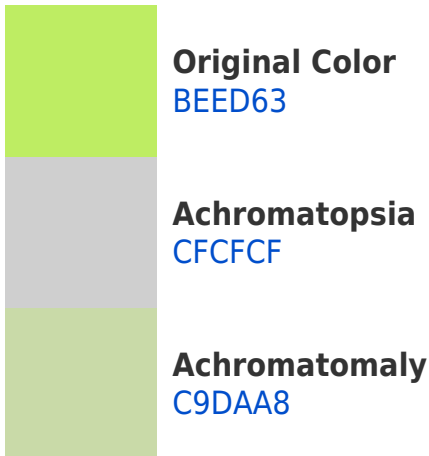
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BEED63 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 #BEED63 looks like.

```
.text, #text, p{  
    color:#BEED63  
}
```

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 #BEED63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEED63
}
```

Border

The CSS property to change the border of an element to Hex BEED63 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
#BEED63 }
```

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

```
.border{ border-color:#BEED63 }
```

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

Here you see how a box with a 4 pixel #BEED63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEED63; -webkit-box-shadow:4px 4px  
4px 4px #BEED63; box-shadow:4px 4px 4px  
4px #BEED63 }
```

Background

The CSS property to change the background color of an element to Hex BEED63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEED63 }
```

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

```
.background{ background-color:#BEED63 }
```

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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