

Converting Colors

Hex(BEE55B)

Have a look what the booklet for
Hex(BEE55B) contains.

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Color

Hex(BEE55B)

Conversions

Conversions Part 1

Format	Color
Hex	BEE55B
RGB	190, 229, 91
RGB Percent	75%, 90%, 36%
CMY	0.2549, 0.1020, 0.6431
CMYK	0.17, 0.00, 0.60, 0.10
HSL	77°, 73%, 63%
HSV	77°, 60%, 90%
XYZ	51.1428, 67.7411, 20.2774
YIQ	201.6070, 21.0540, -51.1860

Conversions

Conversions Part 2

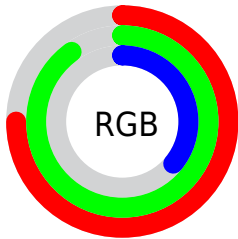
Format	Color
RYB	91, 229, 130
Decimal	12510555
CIELab	85.88, -32.44, 61.44
CIELCh	86, 69.478, 117.838
Yxy	67.7411, 0.3675, 0.4868
Android (android.graphics.Color)	4290700635 (0xFFBEE55B)
YUV	201.6070, -54.5293, -10.1793
Hunter-Lab	82.3050, -33.1170, 43.0063

Details

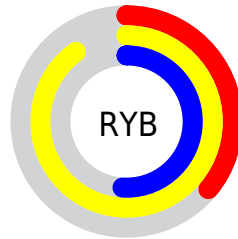
The Hex color **BEE55B** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted chartreuse. A complement of this color would be **825BE5**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **F9FF92**, and **85AD21** is the 20% darker color. If you saturate the color by 10%, you get **B8E544**, and if you desaturate by 10%, it is **C4E572**.

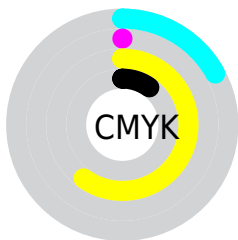
Distribution



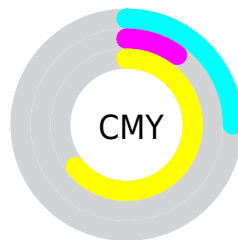
- Red (75%)
- Green (90%)
- Blue (36%)



- Red (36%)
- Yellow (90%)
- Blue (51%)



- Cyan (17%)
- Magenta (0%)
- Yellow (60%)
- Black (10%)



- Cyan (25%)
- Magenta (10%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color BEE55B 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 BEE55B by changing the saturation by 10% instead.

 BEE55B

 BEE55B

FFFFFF

 A1C93F

 F9FF92

 85AD21

 FFFFAE

 6A9300

 FFFFCA

 4F7900

 FFFFE7

 346000

 154800

 003100

 001D00

 000000

 BEE55B

 BEE55B

 B8E544

 C4E572

 B1E52D

 CBE589

 ABE516

 D1E5A0

 A4E500

 D8E5B7

 DEE5CD

 E5E5E4

 EBE5FB

 F2E5FF

 F8E5FF

Harmonies

Analogous

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



FFD24B



BEE55B



66F18E

Triad

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



BEE55B



00EFFF



FF9CDE

Complementary

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



BEE55B



825BE5

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.



FFADFF



BEE55B



18DFFF

Square

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



BEE55B



00F6FF



D1C7FF



FFA29D

Rectangle

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



BEE55B



00F6B9



D1C7FF



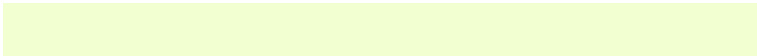
FFA0F4

Sweetspot

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



BEE55B



F2FFD1



E5805B



788063



000000



808080

Same Dimension

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



BEE55B



CBFF47



7BE55B



707367



80B300



253300

Inverse Universe

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



825BE5



7B47FF



C55BE5



6B6773



3200B3



0E0033

Previews

White Background



This preview shows how the Hex color BEE55B 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 BEE55B 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 BEE55B Background



This preview shows how black text looks on a background with the Hex color BEE55B.

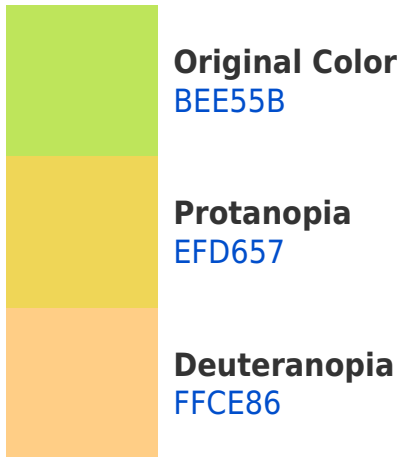


This preview shows how white text looks on a background with the Hex color BEE55B.

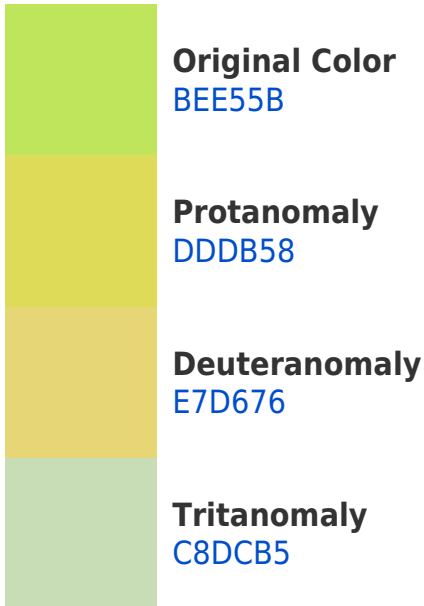
Color Blindness Simulation

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](#).

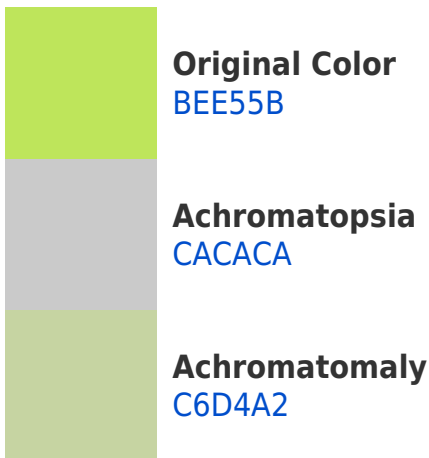
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BEE55B 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 #BEE55B looks like.

```
.text, #text, p{  
    color:#BEE55B  
}
```

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 #BEE55B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEE55B
}
```

Border

The CSS property to change the border of an element to Hex BEE55B 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
#BEE55B }
```

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

```
.border{ border-color:#BEE55B }
```

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

Here you see how a box with a 4 pixel #BEE55B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEE55B; -webkit-box-shadow:4px 4px  
4px 4px #BEE55B; box-shadow:4px 4px 4px  
4px #BEE55B }
```

Background

The CSS property to change the background color of an element to Hex BEE55B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEE55B }
```

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

```
.background{ background-color:#BEE55B }
```

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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