

Converting Colors

Hex(B8E537)

Have a look what the booklet for
Hex(B8E537) contains.

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Color

Hex(B8E537)

Conversions

Conversions Part 1

Format	Color
Hex	B8E537
RGB	184, 229, 55
RGB Percent	72%, 90%, 22%
CMY	0.2784, 0.1020, 0.7843
CMYK	0.20, 0.00, 0.76, 0.10
HSL	76°, 77%, 56%
HSV	76°, 76%, 90%
XYZ	48.4761, 66.5048, 13.8962
YIQ	195.7090, 29.0340, -63.6540

Conversions

Conversions Part 2

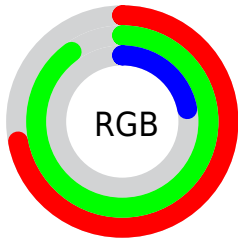
Format	Color
RYB	55, 229, 100
Decimal	12117303
CIELab	85.25, -36.95, 73.88
CIElCh	85, 82.605, 116.573
Yxy	66.5048, 0.3761, 0.5160
Android (android.graphics.Color)	4290307383 (0xFFB8E537)
YUV	195.7090, -69.3695, -10.2688
Hunter-Lab	81.5505, -36.6076, 46.9823

Details

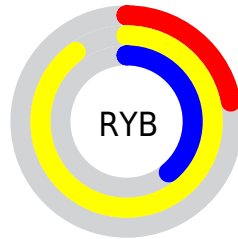
The Hex color **B8E537** is a light color, and the websafe version is hex **99CC00**. The color can be described as light washed chartreuse. A complement of this color would be **6437E5**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **F3FF73**, and **7EAD00** is the 20% darker color. If you saturate the color by 10%, you get **B2E520**, and if you desaturate by 10%, it is **BEE54E**.

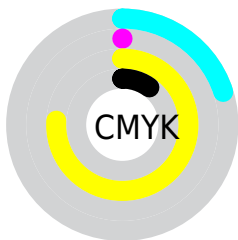
Distribution



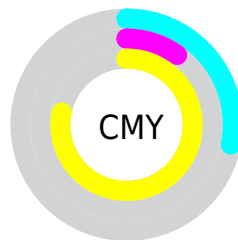
- Red (72%)
- Green (90%)
- Blue (22%)



- Red (22%)
- Yellow (90%)
- Blue (39%)



- Cyan (20%)
- Magenta (0%)
- Yellow (76%)
- Black (10%)



- Cyan (28%)
- Magenta (10%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color B8E537 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 B8E537 by changing the saturation by 10% instead.

 B8E537

 B8E537

FFFFFF

 9BC90B

 F3FF73

 7EAD00

 FFFF8F

 629300

 FFFFAC

 467900

 FFFF89

 286000

 FFFF7E

 004700

 003000

 001B00

 000000

 B8E537

 B8E537

 B2E520

 BEE54E

 ACE509

 C4E565

 AAE500

 CAE57C

 D0E593

 D6E5AA

 DCE5C0

 E1E5D7

 E7E5EE

 EDE5FF

Harmonies

Analogous

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



FFCE1E



B8E537



42F37A

Triad

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



B8E537



00F2FF



FF89E1

Complementary

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



B8E537



6437E5

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.



FFA1FF



B8E537



00E1FF

Square

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



B8E537



00F9FF



C4C4FF



FF9194

Rectangle

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



B8E537



00F8AE



C4C4FF



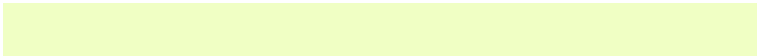
FF8EFC

Sweetspot

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



B8E537



F0FFC4



E56337



76805C



000000



808080

Same Dimension

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



B8E537



C3FF17



63E537



707367



84B300



263300

Inverse Universe

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



6437E5



5317FF



BA37E5



6A6773



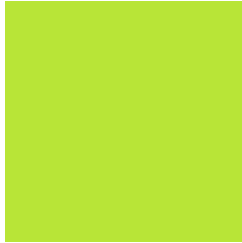
2E00B3



0D0033

Previews

White Background



This preview shows how the Hex color B8E537 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 B8E537 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 B8E537 Background



This preview shows how black text looks on a background with the Hex color B8E537.

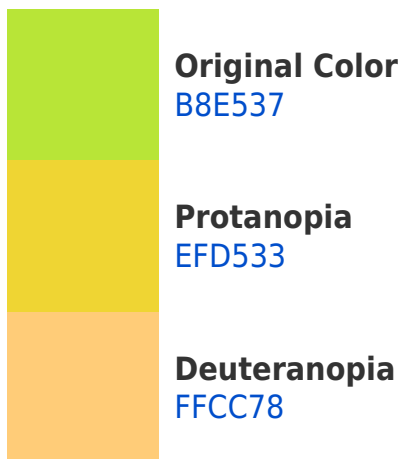


This preview shows how white text looks on a background with the Hex color B8E537.

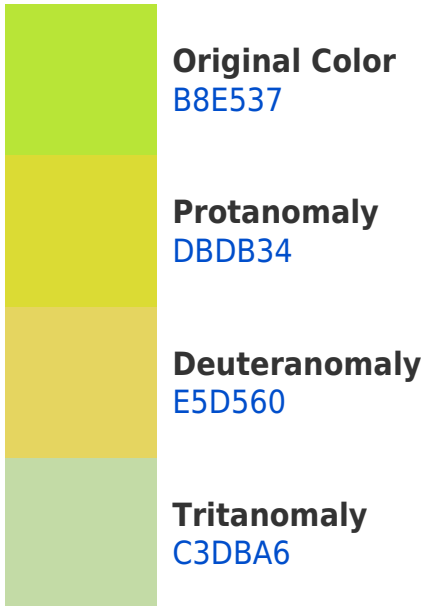
Color Blindness Simulation

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](#).

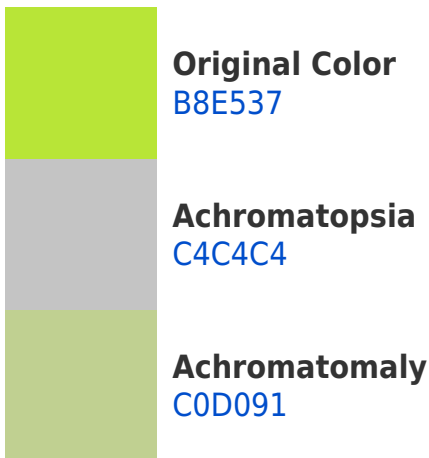
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B8E537 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 #B8E537 looks like.

```
.text, #text, p{  
    color:#B8E537  
}
```

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 #B8E537 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8E537
}
```

Border

The CSS property to change the border of an element to Hex B8E537 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
#B8E537 }
```

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

```
.border{ border-color:#B8E537 }
```

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

Here you see how a box with a 4 pixel #B8E537 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8E537; -webkit-box-shadow:4px 4px  
4px 4px #B8E537; box-shadow:4px 4px 4px  
4px #B8E537 }
```

Background

The CSS property to change the background color of an element to Hex B8E537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8E537 }
```

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

```
.background{ background-color:#B8E537 }
```

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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