

Converting Colors

Hex(B4E86E)

Have a look what the booklet for
Hex(B4E86E) contains.

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Color

Hex(**B4E86E**)

Conversions

Conversions Part 1

Format	Color
Hex	B4E86E
RGB	180, 232, 110
RGB Percent	71%, 91%, 43%
CMY	0.2941, 0.0902, 0.5686
CMYK	0.22, 0.00, 0.53, 0.09
HSL	86°, 73%, 67%
HSV	86°, 53%, 91%
XYZ	50.4935, 68.5423, 25.3206
YIQ	202.5440, 8.1700, -48.9660

Conversions

Conversions Part 2

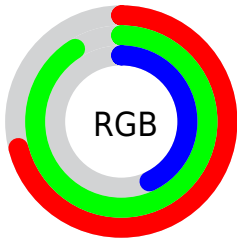
Format	Color
RYB	110, 232, 162
Decimal	11855982
CIELab	86.28, -35.90, 53.35
CIElCh	86, 64.303, 123.936
Yxy	68.5423, 0.3498, 0.4748
Android (android.graphics.Color)	4290046062 (0xFFB4E86E)
YUV	202.5440, -45.6242, -19.7711
Hunter-Lab	82.7903, -36.0165, 39.8200

Details

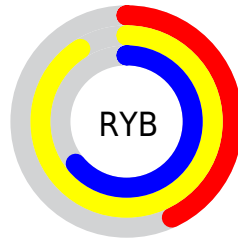
The Hex color **B4E86E** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **A26EE8**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **EEFFA4**, and **7CB039** is the 20% darker color. If you saturate the color by 10%, you get **AAE857**, and if you desaturate by 10%, it is **BEE885**.

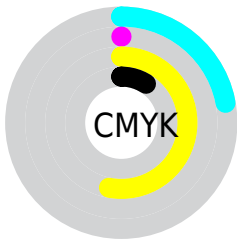
Distribution



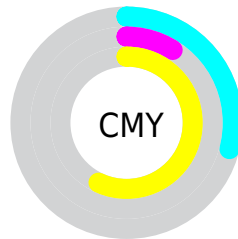
- Red (71%)
- Green (91%)
- Blue (43%)



- Red (43%)
- Yellow (91%)
- Blue (64%)



- Cyan (22%)
- Magenta (0%)
- Yellow (53%)
- Black (9%)



- Cyan (29%)
- Magenta (9%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color B4E86E 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 B4E86E by changing the saturation by 10% instead.

 B4E86E

 B4E86E

FFFFFF

 98CC53

 EEFFA4

 7CB039

 FFFFC0

 61951C

 FFFFDD

 467B00

 FFFFFA

 2A6200

 094A00

 003200

 001E00

 000000

 B4E86E

 B4E86E

 AAE857

 BEE885

 A0E840

 C8E89C

 96E828

 D2E8B4

 8CE811

 DCE8CB

 85E800

 E5E8E2

 EFE8F9

 F9E8FF

 FFE8FF

Harmonies

Analogous

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



F3D758



B4E86E



5EF2A0

Triad

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



B4E86E



00ECFF



FFA3D2

Complementary

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



B4E86E



A26EE8

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.



FFAEFF



B4E86E



75DCFF

Square

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



B4E86E



00F5FF



E6C5FF



FFAC97

Rectangle

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



B4E86E



00F6C9



E6C5FF



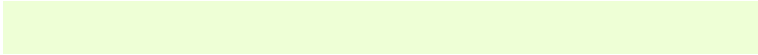
FFA4E7

Sweetspot

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



B4E86E



EEFFD6



E8A16E



758067



000000



808080

Same Dimension

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



B4E86E



BBFF5E



78E86E



6E7367



66B300



1D3300

Inverse Universe

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



A26EE8



A35EFF



DE6EE8



6C6773



4C00B3



160033

Previews

White Background



This preview shows how the Hex color B4E86E looks on a white background.

Color Contrast Check

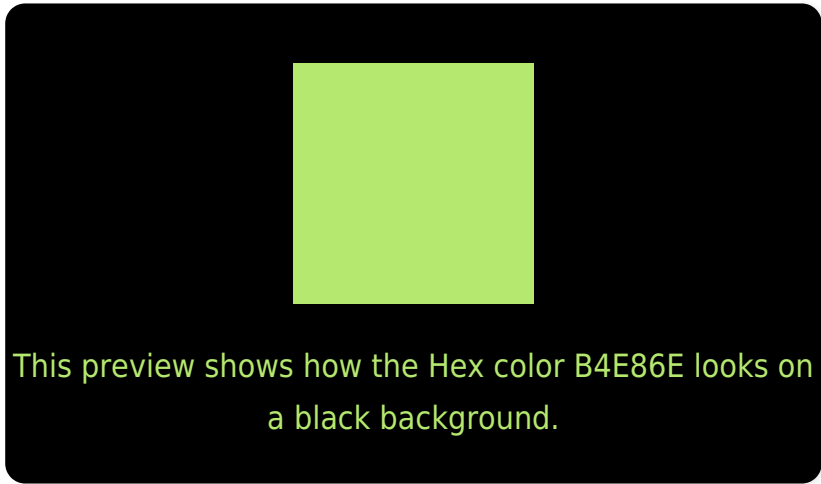
Large Text (above 18pt) WCAG AA × Fail

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 B4E86E Background



This preview shows how black text looks on a background with the Hex color B4E86E.

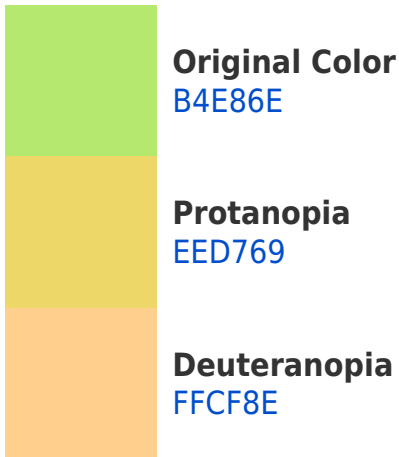


This preview shows how white text looks on a background with the Hex color B4E86E.

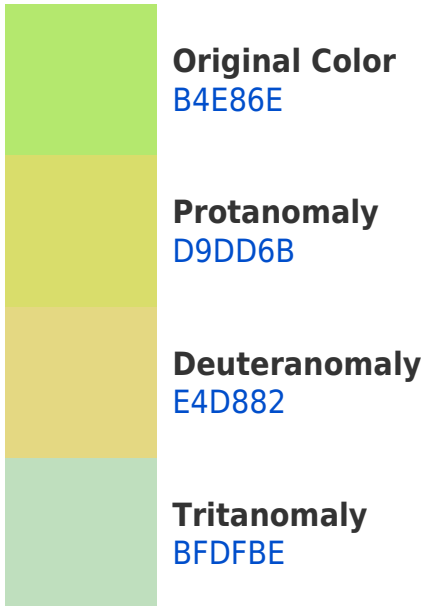
Color Blindness Simulation

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](#).

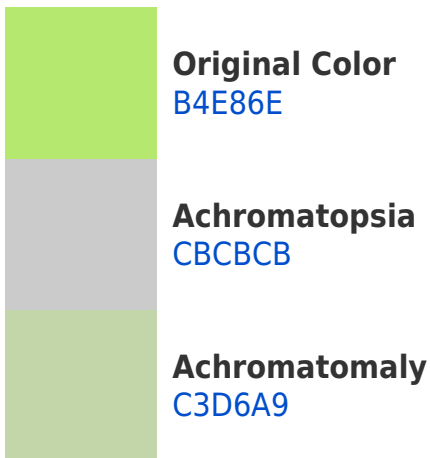
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B4E86E 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 #B4E86E looks like.

```
.text, #text, p{  
    color:#B4E86E  
}
```

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 #B4E86E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4E86E
}
```

Border

The CSS property to change the border of an element to Hex B4E86E 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
#B4E86E }
```

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

```
.border{ border-color:#B4E86E }
```

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

Here you see how a box with a 4 pixel #B4E86E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4E86E; -webkit-box-shadow:4px 4px  
4px 4px #B4E86E; box-shadow:4px 4px 4px  
4px #B4E86E }
```

Background

The CSS property to change the background color of an element to Hex B4E86E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4E86E }
```

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

```
.background{ background-color:#B4E86E }
```

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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