

Converting Colors

Hex(B4E976)

Have a look what the booklet for
Hex(B4E976) contains.

Hex(B4E976)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B4E976)

Conversions

Conversions Part 1

Format	Color
Hex	B4E976
RGB	180, 233, 118
RGB Percent	71%, 91%, 46%
CMY	0.2941, 0.0863, 0.5373
CMYK	0.23, 0.00, 0.49, 0.09
HSL	88°, 72%, 69%
HSV	88°, 49%, 91%
XYZ	51.2313, 69.2891, 27.8135
YIQ	204.0430, 5.3270, -47.0010

Conversions

Conversions Part 2

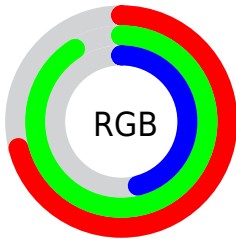
Format	Color
RYB	118, 233, 171
Decimal	11856246
CIELab	86.65, -35.53, 50.08
CIElCh	87, 61.402, 125.356
Yxy	69.2891, 0.3454, 0.4671
Android (android.graphics.Color)	4290046326 (0xFFB4E976)
YUV	204.0430, -42.4192, -21.0857
Hunter-Lab	83.2401, -35.8098, 38.4571

Details

The Hex color **B4E976** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **AB76E9**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **EEFFAC**, and **7CB142** is the 20% darker color. If you saturate the color by 10%, you get **A9E95F**, and if you desaturate by 10%, it is **BFE98D**.

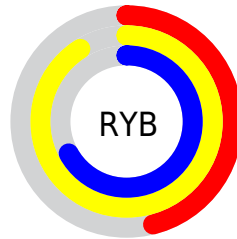
Distribution



Red (71%)

Green (91%)

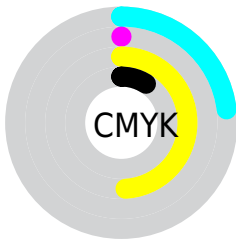
Blue (46%)



Red (46%)

Yellow (91%)

Blue (67%)

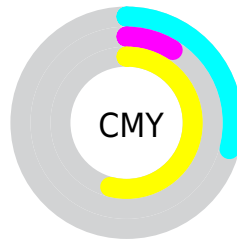


Cyan (23%)

Magenta (0%)

Yellow (49%)

Black (9%)



Cyan (29%)

Magenta (9%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color B4E976 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 B4E976 by changing the saturation by 10% instead.

 B4E976

 B4E976

FFFFFF

 98CD5C

 EEFFAC

 7CB142

 FFFFC8

 619627

 FFFF E5

 477C04

 2B6300

 0D4A00

 003300

 001F00

 000000

 B4E976

 B4E976

 A9E95F

 BFE98D

 9FE947

 C9E9A5

 94E930

 D4E9BC

 89E919

 DFE9D3

 7EE902

 EAE9EB

 7EE900

 F4E9FF

 FFE9FF

Harmonies

Analogous

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



F1D960



B4E976



63F3A6

Triad

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



B4E976



00ECFF



FFA7D1

Complementary

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



B4E976



AB76E9

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



B4E976



86DCFF

Square

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



B4E976



00F5FF



EBC5FF



FFB099

Rectangle

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



B4E976



00F6CE



EBC5FF



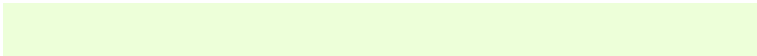
FFA8E4

Sweetspot

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



B4E976



EDFFD9



E9AA76



758069



000000



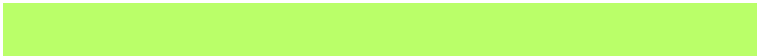
808080

Same Dimension

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



B4E976



BAFF69



7CE976



70756A



62B500



1D3600

Inverse Universe

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



AB76E9



AE69FF



E376E9



6F6A75



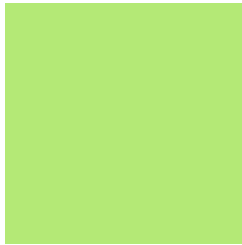
5300B5



190036

Previews

White Background



This preview shows how the Hex color B4E976 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 B4E976 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 B4E976 Background



This preview shows how black text looks on a background with the Hex color B4E976.

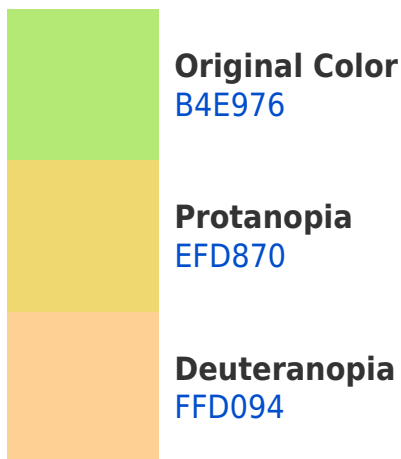


This preview shows how white text looks on a background with the Hex color B4E976.

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



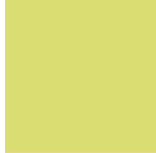


Tritanopia
C5DCED

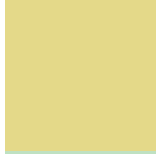
Trichromacy



Original Color
B4E976



Protanomaly
DADE72



Deuteranomaly
E4D989

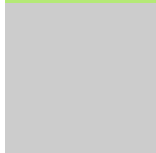


Tritanomaly
BFE1C2

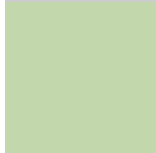
Monochromacy



Original Color
B4E976



Achromatopsia
CCCCCC



Achromatomaly
C3D7AD

CSS Examples

Text

The CSS property to change the color of the text to Hex B4E976 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 #B4E976 looks like.

```
.text, #text, p{  
    color:#B4E976  
}
```

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 #B4E976 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4E976
}
```

Border

The CSS property to change the border of an element to Hex B4E976 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
#B4E976 }
```

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

```
.border{ border-color:#B4E976 }
```

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

Here you see how a box with a 4 pixel #B4E976 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4E976; -webkit-box-shadow:4px 4px  
4px 4px #B4E976; box-shadow:4px 4px 4px  
4px #B4E976 }
```

Background

The CSS property to change the background color of an element to Hex B4E976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4E976 }
```

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

```
.background{ background-color:#B4E976 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor