

Converting Colors

Hex(B4E046)

Have a look what the booklet for
Hex(B4E046) contains.

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Color

Hex(B4E046)

Conversions

Conversions Part 1

Format	Color
Hex	B4E046
RGB	180, 224, 70
RGB Percent	71%, 88%, 27%
CMY	0.2941, 0.1216, 0.7255
CMYK	0.20, 0.00, 0.69, 0.12
HSL	77°, 71%, 58%
HSV	77°, 69%, 88%
XYZ	46.5835, 63.4568, 15.5875
YIQ	193.2880, 23.2100, -57.2220

Conversions

Conversions Part 2

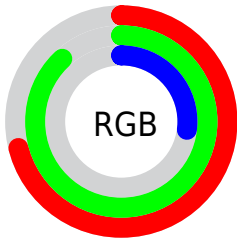
Format	Color
RYB	70, 224, 114
Decimal	11853894
CIELab	83.68, -35.45, 67.24
CIELCh	84, 76.012, 117.797
Yxy	63.4568, 0.3708, 0.5051
Android (android.graphics.Color)	4290043974 (0xFFB4E046)
YUV	193.2880, -60.7810, -11.6536
Hunter-Lab	79.6598, -35.0212, 44.1602

Details

The Hex color **B4E046** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **7246E0**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FFFF7E**, and **7BA900** is the 20% darker color. If you saturate the color by 10%, you get **AEE030**, and if you desaturate by 10%, it is **BAE05C**.

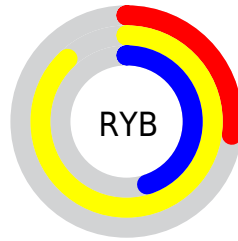
Distribution



Red (71%)

Green (88%)

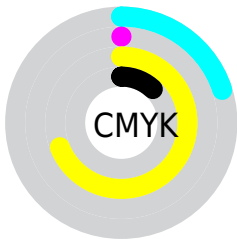
Blue (27%)



Red (27%)

Yellow (88%)

Blue (45%)

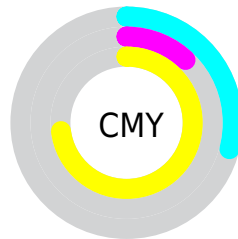


Cyan (20%)

Magenta (0%)

Yellow (69%)

Black (12%)



Cyan (29%)

Magenta (12%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color B4E046 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 B4E046 by changing the saturation by 10% instead.

 B4E046

 B4E046

FFFFFF

 97C427

 EFFF7E

 7BA900

 FFFF9B

 5F8E00

 FFFFB7

 437400

 FFFF D4

 275B00

 FFFFF1

 004300

 002D00

 001500

 000000

 B4E046

 B4E046

 AEE030

 BAE05C

 A7E019

 C1E073

 A1E003

 C7E089

 A0E000

 CEE0A0

 D4E0B6

 DAE0CC

 E1E0E3

 E7E0F9

 EEE0FF

Harmonies

Analogous

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



FACB32



B4E046



4CED80

Triad

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



B4E046



00EBFF



FF8DD9

Complementary

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



B4E046



7246E0

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



B4E046



00DAFF

Square

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



B4E046



00F2FF



C8C0FF



FF9592

Rectangle

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



B4E046



00F1B0



C8C0FF



FF91F1

Sweetspot

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



B4E046



F0FFC9



E07246



768060



000000



808080

Same Dimension

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



B4E046



C3FF2B



67E046



6D7065



7EB000



233000

Inverse Universe

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



7246E0



682BFF



BF46E0



686570



3200B0



0E0030

Previews

White Background



This preview shows how the Hex color B4E046 looks on a white background.

Color Contrast Check

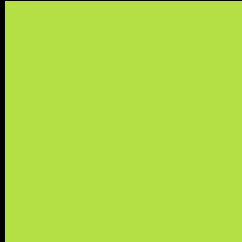
Large Text (above 18pt) WCAG AA × Fail

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 B4E046 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 B4E046 Background



This preview shows how black text looks on a background with the Hex color B4E046.

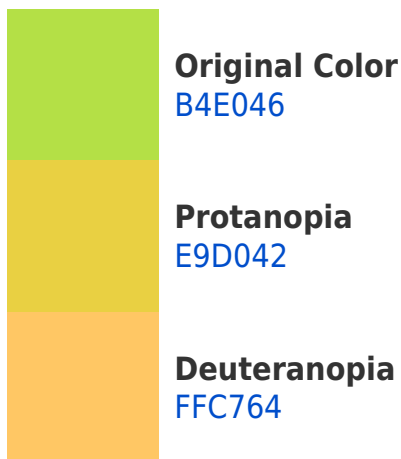


This preview shows how white text looks on a background with the Hex color B4E046.

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](#).

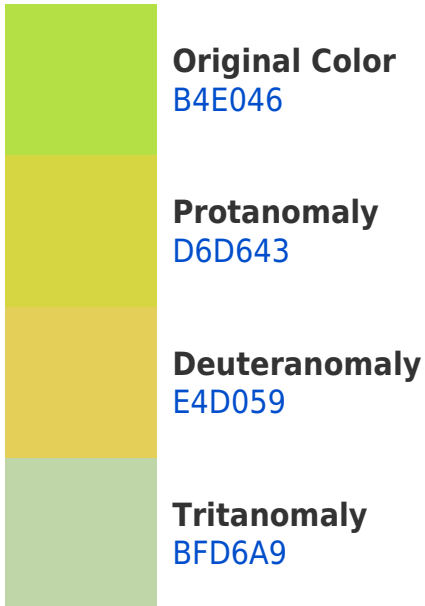
Dichromacy



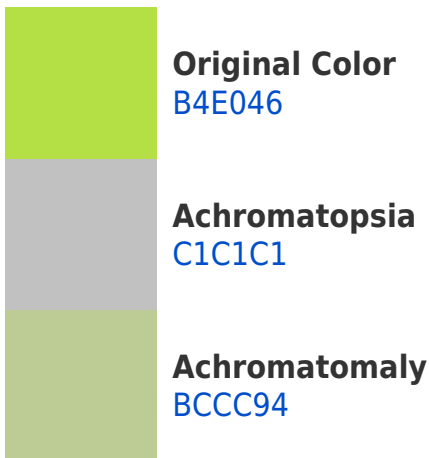


Tritanopia
C6D1E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B4E046 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 #B4E046 looks like.

```
.text, #text, p{  
    color:#B4E046  
}
```

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 #B4E046 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4E046
}
```

Border

The CSS property to change the border of an element to Hex B4E046 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
#B4E046 }
```

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

```
.border{ border-color:#B4E046 }
```

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

Here you see how a box with a 4 pixel #B4E046 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4E046; -webkit-box-shadow:4px 4px  
4px 4px #B4E046; box-shadow:4px 4px 4px  
4px #B4E046 }
```

Background

The CSS property to change the background color of an element to Hex B4E046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4E046 }
```

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

```
.background{ background-color:#B4E046 }
```

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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