

Converting Colors

Hex(B4E176)

Have a look what the booklet for
Hex(B4E176) contains.

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Color

Hex(B4E176)

Conversions

Conversions Part 1

Format	Color
Hex	B4E176
RGB	180, 225, 118
RGB Percent	71%, 88%, 46%
CMY	0.2941, 0.1176, 0.5373
CMYK	0.20, 0.00, 0.48, 0.12
HSL	85°, 64%, 67%
HSV	85°, 48%, 88%
XYZ	49.0176, 64.8617, 27.0756
YIQ	199.3470, 7.5270, -42.8170

Conversions

Conversions Part 2

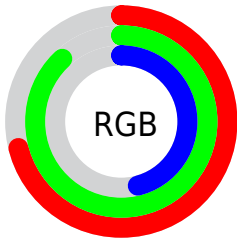
Format	Color
RYB	118, 225, 163
Decimal	11854198
CIELab	84.41, -31.85, 47.36
CIELCh	84, 57.069, 123.919
Yxy	64.8617, 0.3478, 0.4602
Android (android.graphics.Color)	4290044278 (0xFFB4E176)
YUV	199.3470, -40.1041, -16.9673
Hunter-Lab	80.5368, -32.2978, 36.4431

Details

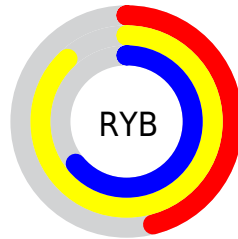
The Hex color **B4E176** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **A376E1**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **EDFFAC**, and **7DAA42** is the 20% darker color. If you saturate the color by 10%, you get **ABE160**, and if you desaturate by 10%, it is **BDE18D**.

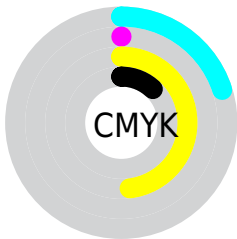
Distribution



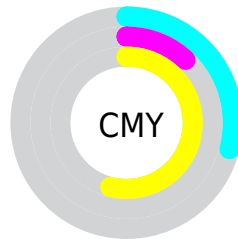
- Red (71%)
- Green (88%)
- Blue (46%)



- Red (46%)
- Yellow (88%)
- Blue (64%)



- Cyan (20%)
- Magenta (0%)
- Yellow (48%)
- Black (12%)



- Cyan (29%)
- Magenta (12%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color B4E176 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 B4E176 by changing the saturation by 10% instead.

 B4E176

 B4E176

FFFFFF

 98C55C

 EDFFAC

 7DAA42

 FFFFC8

 628F28

 FFFF E5

 487509

 2E5C00

 124400

 002D00

 001800

 000000

 B4E176

 B4E176

 ABE160

 BDE18D

 A1E149

 C7E1A3

 98E133

 D0E1BA

 8EE11C

 DAE1D0

 85E106

 E3E1E7

 82E100

 EDE1FD

 F6E1FF

 FFE1FF

Harmonies

Analogous

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



ECD264



B4E176



6DEAA1

Triad

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



B4E176



00E5FF



FFA5CE

Complementary

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



B4E176



A376E1

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



B4E176



84D6FF

Square

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



B4E176



00EDFF



E0C2FF



FFAD99

Rectangle

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



B4E176



00EEC5



E0C2FF



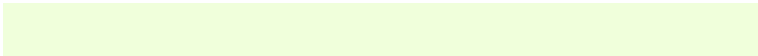
FFA7E0

Sweetspot

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



B4E176



F0FFDB



E1A376



76806A



000000



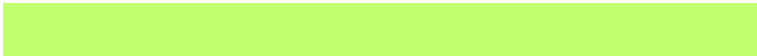
808080

Same Dimension

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



B4E176



C2FF6E



7FE176



6B7065



66B000



1C3000

Inverse Universe

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



A376E1



AB6EFF



D876E1



6A6570



4A00B0



140030

Previews

White Background



This preview shows how the Hex color B4E176 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 B4E176 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 B4E176 Background



This preview shows how black text looks on a background with the Hex color B4E176.



This preview shows how white text looks on a background with the Hex color B4E176.

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



Original Color
B4E176

Protanopia
E7D271

Deuteranopia
FFC87C



Tritanopia
C3D4E5

Trichromacy



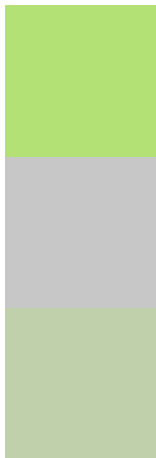
Original Color
B4E176

Protanomaly
D4D773

Deuteranomaly
E4D17A

Tritanomaly
BED9BD

Monochromacy



Original Color
B4E176

Achromatopsia
C7C7C7

Achromatomaly
C0D0AA

CSS Examples

Text

The CSS property to change the color of the text to Hex B4E176 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 #B4E176 looks like.

```
.text, #text, p{  
    color:#B4E176  
}
```

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 #B4E176 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4E176
}
```

Border

The CSS property to change the border of an element to Hex B4E176 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
#B4E176 }
```

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

```
.border{ border-color:#B4E176 }
```

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

Here you see how a box with a 4 pixel #B4E176 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4E176; -webkit-box-shadow:4px 4px  
4px 4px #B4E176; box-shadow:4px 4px 4px  
4px #B4E176 }
```

Background

The CSS property to change the background color of an element to Hex B4E176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4E176 }
```

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

```
.background{ background-color:#B4E176 }
```

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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