

Converting Colors

Hex(B9E746)

Have a look what the booklet for
Hex(B9E746) contains.

Hex(B9E746)	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(B9E746)

Conversions

Conversions Part 1

Format	Color
Hex	B9E746
RGB	185, 231, 70
RGB Percent	73%, 91%, 27%
CMY	0.2745, 0.0941, 0.7255
CMYK	0.20, 0.00, 0.70, 0.09
HSL	77°, 77%, 59%
HSV	77°, 70%, 91%
XYZ	49.6890, 67.9083, 16.2831
YIQ	198.8920, 24.2650, -59.8230

Conversions

Conversions Part 2

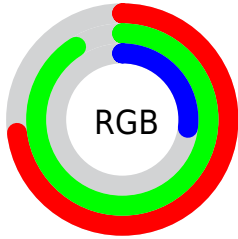
Format	Color
RYB	70, 231, 116
Decimal	12183366
CIELab	85.96, -36.70, 69.64
CIElCh	86, 78.713, 117.788
Yxy	67.9083, 0.3711, 0.5072
Android (android.graphics.Color)	4290373446 (0xFFB9E746)
YUV	198.8920, -63.5438, -12.1833
Hunter-Lab	82.4065, -36.5805, 45.9692

Details

The Hex color **B9E746** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted chartreuse. A complement of this color would be **7446E7**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **F4FF7F**, and **80AF00** is the 20% darker color. If you saturate the color by 10%, you get **B2E72F**, and if you desaturate by 10%, it is **C0E75D**.

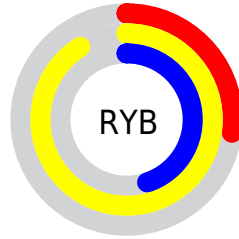
Distribution



Red (73%)

Green (91%)

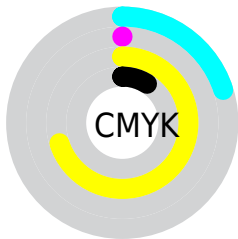
Blue (27%)



Red (27%)

Yellow (91%)

Blue (45%)

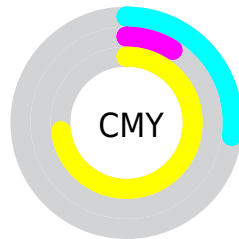


Cyan (20%)

Magenta (0%)

Yellow (70%)

Black (9%)



Cyan (27%)

Magenta (9%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color B9E746 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 B9E746 by changing the saturation by 10% instead.

 B9E746

 B9E746

FFFFFF

 9CCB26

 F4FF7F

 80AF00

 FFFF9B

 639400

 FFFFB8

 477A00

 FFFF D5

 2B6100

 FFFF F3

 044900

 003200

 001D00

 000000

 B9E746

 B9E746

 B2E72F

 C0E75D

 ACE718

 C6E774

 A5E701

 CDE78B

 A5E700

 D3E7A2

 DAE7BA

 E1E7D1

 E7E7E8

 EEE7FF

 F4E7FF

Harmonies

Analogous

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



FFD130



B9E746



4BF483

Triad

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



B9E746



00F2FF



FF91E0

Complementary

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



B9E746



7446E7

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.



FFA5FF



B9E746



00E1FF

Square

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



B9E746



00FAFF



CDC6FF



FF9996

Rectangle

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



B9E746



00F9B5



CDC6FF



FF95F9

Sweetspot

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



B9E746



F0FFC9



E77446



768060



000000



808080

Same Dimension

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



B9E746



C2FF29



69E746



6F7367



7FB300



243300

Inverse Universe

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



7446E7



6629FF



C446E7



6B6773



3300B3



0F0033

Previews

White Background



This preview shows how the Hex color B9E746 looks on a white background.

Color Contrast Check

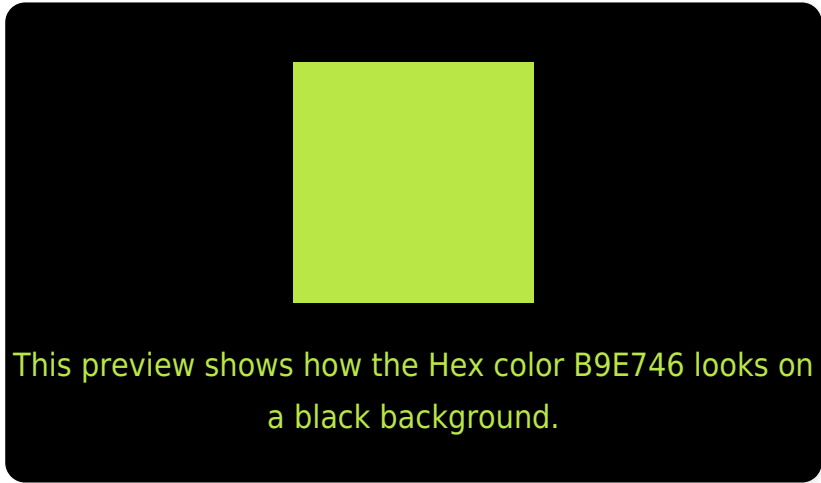
Large Text (above 18pt) WCAG AA × Fail

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 B9E746 Background



This preview shows how black text looks on a background with the Hex color B9E746.

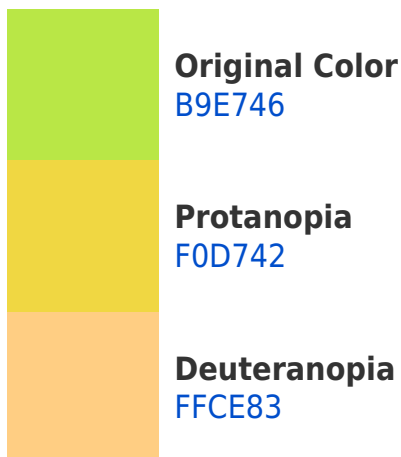


This preview shows how white text looks on a background with the Hex color B9E746.

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
CBD8E9

Trichromacy



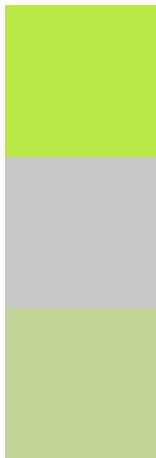
Original Color
B9E746

Protanomaly
DCDD43

Deuteranomaly
E6D76D

Tritanomaly
C4DDAE

Monochromacy



Original Color
B9E746

Achromatopsia
C7C7C7

Achromatomaly
C2D398

CSS Examples

Text

The CSS property to change the color of the text to Hex B9E746 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 #B9E746 looks like.

```
.text, #text, p{  
    color:#B9E746  
}
```

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 #B9E746 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9E746
}
```

Border

The CSS property to change the border of an element to Hex B9E746 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
#B9E746 }
```

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

```
.border{ border-color:#B9E746 }
```

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

Here you see how a box with a 4 pixel #B9E746 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9E746; -webkit-box-shadow:4px 4px  
4px 4px #B9E746; box-shadow:4px 4px 4px  
4px #B9E746 }
```

Background

The CSS property to change the background color of an element to Hex B9E746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9E746 }
```

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

```
.background{ background-color:#B9E746 }
```

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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