

Converting Colors

Hex(B0E94B)

Have a look what the booklet for
Hex(B0E94B) contains.

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Color

Hex(**B0E94B**)

Conversions

Conversions Part 1

Format	Color
Hex	B0E94B
RGB	176, 233, 75
RGB Percent	69%, 91%, 29%
CMY	0.3098, 0.0863, 0.7059
CMYK	0.24, 0.00, 0.68, 0.09
HSL	82°, 78%, 60%
HSV	82°, 68%, 91%
XYZ	48.3134, 68.0159, 17.2386
YIQ	197.9450, 16.7460, -61.2220

Conversions

Conversions Part 2

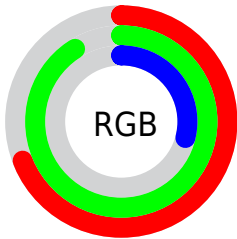
Format	Color
RYB	75, 233, 132
Decimal	11594059
CIELab	86.01, -40.68, 67.69
CIElCh	86, 78.974, 121.005
Yxy	68.0159, 0.3617, 0.5092
Android (android.graphics.Color)	4289784139 (0xFFB0E94B)
YUV	197.9450, -60.6119, -19.2458
Hunter-Lab	82.4718, -39.7572, 45.3372

Details

The Hex color **B0E94B** 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 **844BE9**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **EBFF83**, and **77B100** is the 20% darker color. If you saturate the color by 10%, you get **A8E934**, and if you desaturate by 10%, it is **B8E962**.

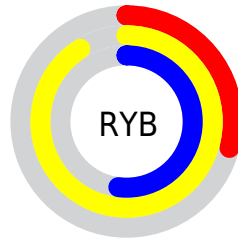
Distribution



Red (69%)

Green (91%)

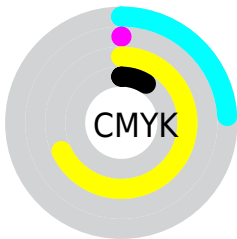
Blue (29%)



Red (29%)

Yellow (91%)

Blue (52%)

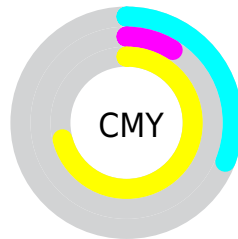


Cyan (24%)

Magenta (0%)

Yellow (68%)

Black (9%)



Cyan (31%)

Magenta (9%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0E94B 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 B0E94B by changing the saturation by 10% instead.

 B0E94B

 B0E94B

FFFFFF

 93CD2C

 EBFF83

 77B100

 FFFFA0

 5B9600

 FFFFBC

 3E7C00

 FFFFD9

 1F6300

 FFFFF7

 004A00

 003300

 001D00

 000000

 B0E94B

 B0E94B

 A8E934

 B8E962

 9FE91C

 C1E97A

 97E905

 C9E991

 95E900

 D2E9A8

 DAE9BF

 E2E9D7

 EBE9EE

 F3E9FF

 FCE9FF

Harmonies

Analogous

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



FBD42F



B0E94B



32F58B

Triad

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



B0E94B



00F1FF



FF90D8

Complementary

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



B0E94B



844BE9

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.



FFA2FF



B0E94B



00DFFF

Square

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



B0E94B



00FAFF



DBC2FF



FF9B8E

Rectangle

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



B0E94B



00FABD



DBC2FF



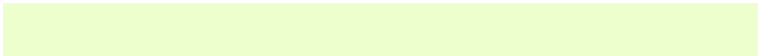
FF93F1

Sweetspot

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



B0E94B



EDFFCC



E9824B



748061



000000



808080

Same Dimension

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



B0E94B



B4FF30



63E94B



71756A



74B500



223600

Inverse Universe

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



844BE9



7B30FF



D14BE9



6E6A75



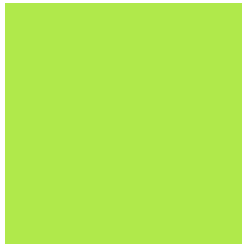
4100B5



130036

Previews

White Background



This preview shows how the Hex color B0E94B looks on a white background.

Color Contrast Check

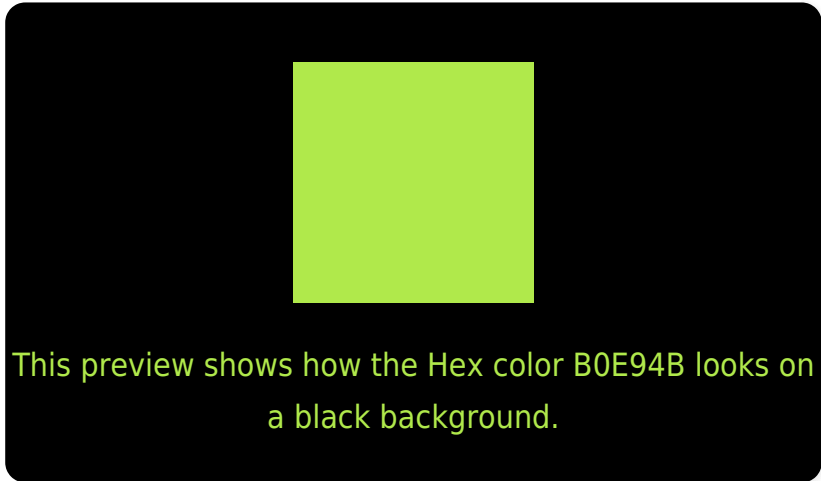
Large Text (above 18pt) WCAG AA × Fail

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 B0E94B Background



This preview shows how black text looks on a background with the Hex color B0E94B.

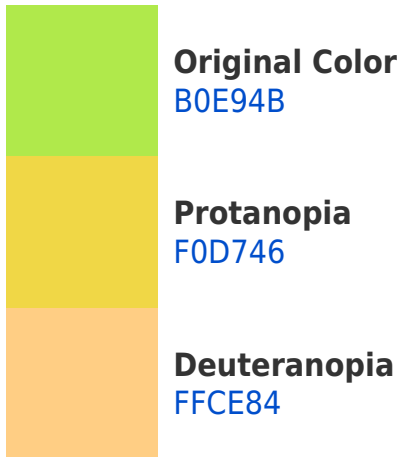


This preview shows how white text looks on a background with the Hex color B0E94B.

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](#).

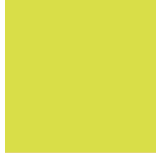
Dichromacy



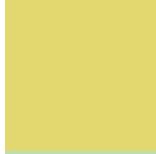
Trichromacy



Original Color
B0E94B



Protanomaly
D9DE48



Deuteranomaly
E2D86F

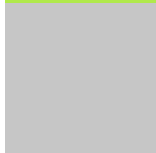


Tritanomaly
BCDFB1

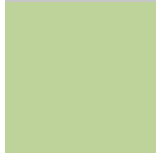
Monochromacy



Original Color
B0E94B



Achromatopsia
C6C6C6



Achromatomaly
BED399

CSS Examples

Text

The CSS property to change the color of the text to Hex B0E94B 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 #B0E94B looks like.

```
.text, #text, p{  
    color:#B0E94B  
}
```

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 #B0E94B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0E94B
}
```

Border

The CSS property to change the border of an element to Hex B0E94B 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
#B0E94B }
```

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

```
.border{ border-color:#B0E94B }
```

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

Here you see how a box with a 4 pixel #B0E94B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0E94B; -webkit-box-shadow:4px 4px  
4px 4px #B0E94B; box-shadow:4px 4px 4px  
4px #B0E94B }
```

Background

The CSS property to change the background color of an element to Hex B0E94B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0E94B }
```

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

```
.background{ background-color:#B0E94B }
```

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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