

Converting Colors

Hex(B1EC74)

Have a look what the booklet for
Hex(B1EC74) contains.

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Color

Hex(B1EC74)

Conversions

Conversions Part 1

Format	Color
Hex	B1EC74
RGB	177, 236, 116
RGB Percent	69%, 93%, 45%
CMY	0.3059, 0.0745, 0.5451
CMYK	0.25, 0.00, 0.51, 0.07
HSL	90°, 76%, 69%
HSV	90°, 51%, 93%
XYZ	51.2793, 70.5990, 27.4473
YIQ	204.6790, 3.3560, -49.8280

Conversions

Conversions Part 2

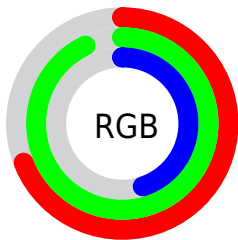
Format	Color
RYB	116, 236, 175
Decimal	11660404
CIELab	87.29, -38.17, 51.75
CIELCh	87, 64.303, 126.417
Yxy	70.5990, 0.3434, 0.4728
Android (android.graphics.Color)	4289850484 (0xFFB1EC74)
YUV	204.6790, -43.7187, -24.2745
Hunter-Lab	84.0232, -38.1022, 39.4484

Details

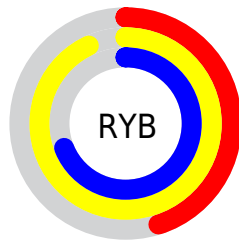
The Hex color **B1EC74** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **AF74EC**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **EBFFAA**, and **79B43F** is the 20% darker color. If you saturate the color by 10%, you get **A5EC5C**, and if you desaturate by 10%, it is **BDEC8C**.

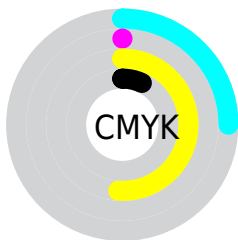
Distribution



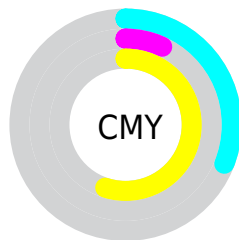
- Red (69%)
- Green (93%)
- Blue (45%)



- Red (45%)
- Yellow (93%)
- Blue (69%)



- Cyan (25%)
- Magenta (0%)
- Yellow (51%)
- Black (7%)



- Cyan (31%)
- Magenta (7%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1EC74 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 B1EC74 by changing the saturation by 10% instead.

 B1EC74

 B1EC74

FFFFFF

 95D05A

 EBFFAA

 79B43F

 FFFFC7

 5E9924

 FFFF E3

 437F00

 266500

 024D00

 003500

 002100

 000000

 B1EC74

 B1EC74

 A5EC5C

 BDEC8C

 9AEC45

 C8ECA3

 8EEC2D

 D4ECBB

 83EC16

 DFEC D2

 78EC00

 EBECEA

 F7ECFF

 FFECFF

Harmonies

Analogous

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



F2DC5B



B1EC74



57F6A8

Triad

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



B1EC74



00EEFF



FFA6D0

Complementary

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



B1EC74



AF74EC

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.



FFAFFF



B1EC74



85DDFF

Square

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



B1EC74



00F7FF



F0C5FF



FFB095

Rectangle

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



B1EC74



00F9D1



F0C5FF



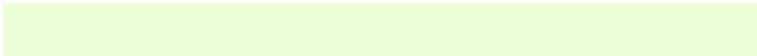
FFA7E5

Sweetspot

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



B1EC74



ECFFD9



ECAE74



748069



000000



808080

Same Dimension

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



B1EC74



B3FF63



76EC74



70756A



5CB500



1B3600

Inverse Universe

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



AF74EC



B063FF



EA74EC



6F6A75



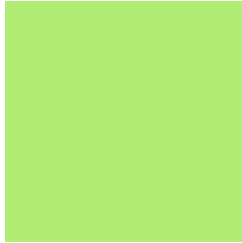
5900B5



1A0036

Previews

White Background



This preview shows how the Hex color B1EC74 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 B1EC74 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 B1EC74 Background



This preview shows how black text looks on a background with the Hex color B1EC74.

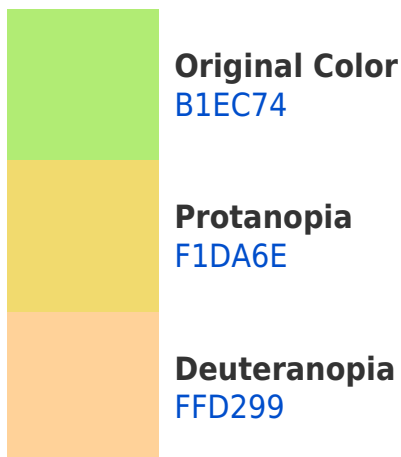


This preview shows how white text looks on a background with the Hex color B1EC74.

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



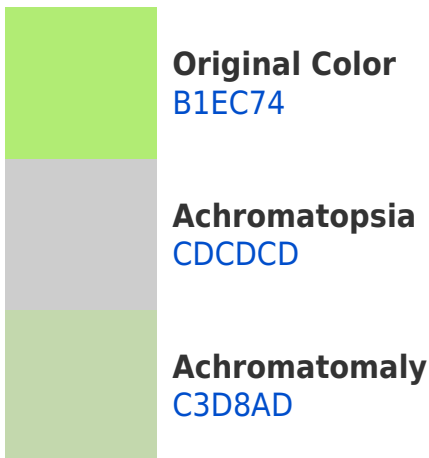


Tritanopia
C3DEF0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B1EC74 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 #B1EC74 looks like.

```
.text, #text, p{  
    color:#B1EC74  
}
```

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 #B1EC74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1EC74
}
```

Border

The CSS property to change the border of an element to Hex B1EC74 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
#B1EC74 }
```

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

```
.border{ border-color:#B1EC74 }
```

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

Here you see how a box with a 4 pixel #B1EC74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1EC74; -webkit-box-shadow:4px 4px  
4px 4px #B1EC74; box-shadow:4px 4px 4px  
4px #B1EC74 }
```

Background

The CSS property to change the background color of an element to Hex B1EC74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1EC74 }
```

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

```
.background{ background-color:#B1EC74 }
```

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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