

Converting Colors

Hex(B6E82E)

Have a look what the booklet for
Hex(B6E82E) contains.

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Color

Hex(B6E82E)

Conversions

Conversions Part 1

Format	Color
Hex	B6E82E
RGB	182, 232, 46
RGB Percent	71%, 91%, 18%
CMY	0.2863, 0.0902, 0.8196
CMYK	0.22, 0.00, 0.80, 0.09
HSL	76°, 80%, 55%
HSV	76°, 80%, 91%
XYZ	48.6412, 67.8556, 13.1185
YIQ	195.8460, 29.9060, -68.4460

Conversions

Conversions Part 2

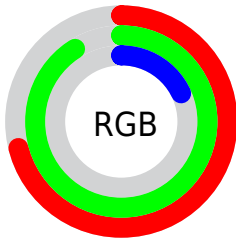
Format	Color
RYB	46, 232, 96
Decimal	11986990
CIELab	85.93, -39.43, 76.97
CIELCh	86, 86.482, 117.128
Yxy	67.8556, 0.3753, 0.5235
Android (android.graphics.Color)	4290177070 (0xFFB6E82E)
YUV	195.8460, -73.8741, -12.1429
Hunter-Lab	82.3745, -38.7532, 48.2199

Details

The Hex color **B6E82E** is a light color, and the websafe version is hex **99CC00**. The color can be described as light washed chartreuse. A complement of this color would be **602EE8**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **F2FF6D**, and **7CB000** is the 20% darker color. If you saturate the color by 10%, you get **B0E817**, and if you desaturate by 10%, it is **BCE845**.

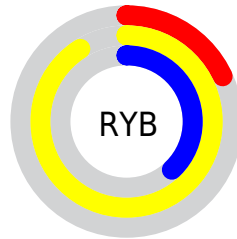
Distribution



Red (71%)

Green (91%)

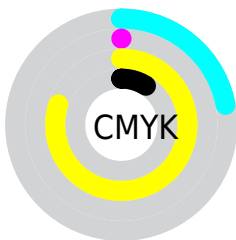
Blue (18%)



Red (18%)

Yellow (91%)

Blue (38%)

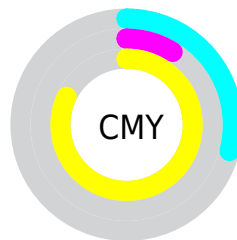


Cyan (22%)

Magenta (0%)

Yellow (80%)

Black (9%)



Cyan (29%)

Magenta (9%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color B6E82E 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 B6E82E by changing the saturation by 10% instead.

 B6E82E

 B6E82E

FFFFFF

 99CC00

 F2FF6D

 7CB000

 FFFF8A

 5F9500

 FFFFA7

 437B00

 FFFF8A

 236200

 FFFFE1

 004A00

 003200

 001D00

 000000

 B6E82E

 B6E82E

 B0E817

 BCE845

 AAE800

 C2E85C

 C9E874

 CFE88B

 D5E8A2

 DBE8B9

 E2E8D0

 E8E8E8

 EEE8FF

Harmonies

Analogous

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



FFD004



B6E82E



2EF679

Triad

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



B6E82E



00F5FF



FF85E2

Complementary

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



B6E82E



602EE8

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.



FF9FFF



B6E82E



00E3FF

Square

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



B6E82E



00DFF



C6C5FF



FF8F91

Rectangle

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



B6E82E



00FBB0



C6C5FF



FF8BFE

Sweetspot

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



B6E82E



EFFFC2



E8602E



76805B



000000



808080

Same Dimension

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



B6E82E



BDFFOA



59E82E



707367



83B300



253300

Inverse Universe

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



602EE8



4C0AFF



BD2EE8



6A6773



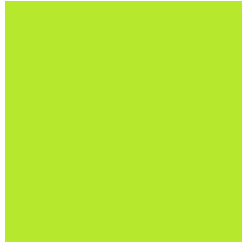
3000B3



0E0033

Previews

White Background



This preview shows how the Hex color B6E82E looks on a white background.

Color Contrast Check

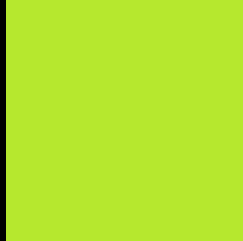
Large Text (above 18pt) WCAG AA × Fail

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 B6E82E 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 B6E82E Background



This preview shows how black text looks on a background with the Hex color B6E82E.

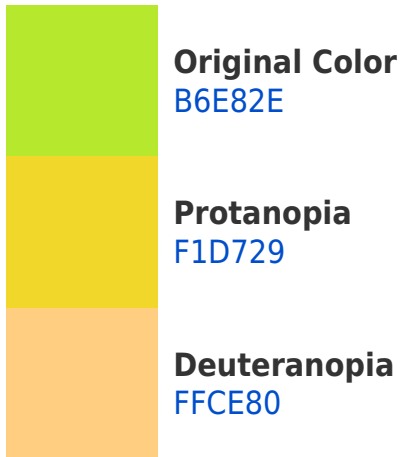


This preview shows how white text looks on a background with the Hex color B6E82E.

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](#).

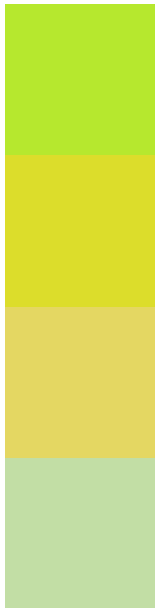
Dichromacy





Tritanopia
C9D8E9

Trichromacy



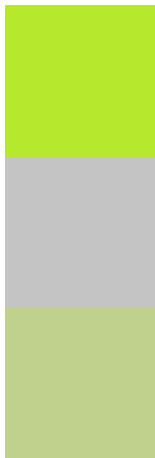
Original Color
B6E82E

Protanomaly
DCDD2B

Deuteranomaly
E4D762

Tritanomaly
C2DEA5

Monochromacy



Original Color
B6E82E

Achromatopsia
C4C4C4

Achromatomaly
BFD18D

CSS Examples

Text

The CSS property to change the color of the text to Hex B6E82E 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 #B6E82E looks like.

```
.text, #text, p{  
    color:#B6E82E  
}
```

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 #B6E82E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6E82E
}
```

Border

The CSS property to change the border of an element to Hex B6E82E 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
#B6E82E }
```

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

```
.border{ border-color:#B6E82E }
```

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

Here you see how a box with a 4 pixel #B6E82E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6E82E; -webkit-box-shadow:4px 4px  
4px 4px #B6E82E; box-shadow:4px 4px 4px  
4px #B6E82E }
```

Background

The CSS property to change the background color of an element to Hex B6E82E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6E82E }
```

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

```
.background{ background-color:#B6E82E }
```

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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