

Converting Colors

Hex(B6E30E)

Have a look what the booklet for
Hex(B6E30E) contains.

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Color

Hex(B6E30E)

Conversions

Conversions Part 1

Format	Color
Hex	B6E30E
RGB	182, 227, 14
RGB Percent	71%, 89%, 5%
CMY	0.2863, 0.1098, 0.9451
CMYK	0.20, 0.00, 0.94, 0.11
HSL	73°, 88%, 47%
HSV	73°, 94%, 89%
XYZ	46.8398, 64.9150, 10.4766
YIQ	189.2630, 41.5530, -75.7830

Conversions

Conversions Part 2

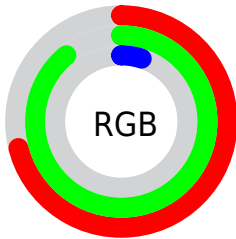
Format	Color
RYB	14, 227, 59
Decimal	11985678
CIELab	84.44, -37.99, 81.53
CIELCh	84, 89.944, 114.987
Yxy	64.9150, 0.3832, 0.5311
Android (android.graphics.Color)	4290175758 (0xFFB6E30E)
YUV	189.2630, -86.4047, -6.3697
Hunter-Lab	80.5698, -37.2251, 48.6893

Details

The Hex color **B6E30E** is a dark color, and the websafe version is hex **CCFF33**. The color can be described as middle washed chartreuse. A complement of this color would be **3B0EE3**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **F2FF5C**, and **7CAB00** is the 20% darker color. If you saturate the color by 10%, you get **B3E300**, and if you desaturate by 10%, it is **BBE325**.

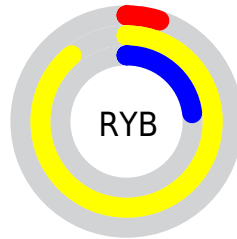
Distribution



Red (71%)

Green (89%)

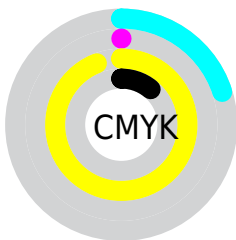
Blue (5%)



Red (5%)

Yellow (89%)

Blue (23%)

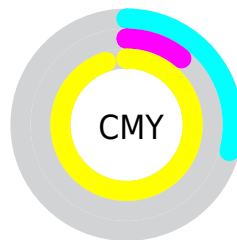


Cyan (20%)

Magenta (0%)

Yellow (94%)

Black (11%)



Cyan (29%)

Magenta (11%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color B6E30E 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 B6E30E by changing the saturation by 10% instead.

 B6E30E

 B6E30E

FFFFFF

 99C700

 F2FF5C

 7CAB00

 FFFF7A

 5F9100

 FFFF97

 427700

 FFFFB5

 225E00

 FFFFD2

 004600

 FFFFF0

 002F00

 001800

 000000

 B6E30E

 B6E30E

 B3E300

 BBE325

 C0E33B

 C4E352

 C9E369

 CEE380

 D3E396

 D8E3AD

 DCE3C4

 E1E3DA

Harmonies

Analogous

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



FFCA00



B6E30E



2AF26B

Triad

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



B6E30E



00F3FF



FF7CE5

Complementary

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



B6E30E



3B0EE3

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.



FF9AFF



B6E30E



00E1FF

Square

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



B6E30E



00F9FF



B4C2FF



FF8390

Rectangle

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



B6E30E



00F7A4



B4C2FF



FF83FF

Sweetspot

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



B6E30E



F0FFB8



E3390E



768054



000000



808080

Same Dimension

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



B6E30E



C9FF00



4EE30E



707367



8DB300



283300

Inverse Universe

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



3B0EE3



3600FF



A30EE3



6A6773



2600B3



0B0033

Previews

White Background



This preview shows how the Hex color B6E30E 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 B6E30E 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 B6E30E Background



This preview shows how black text looks on a background with the Hex color B6E30E.

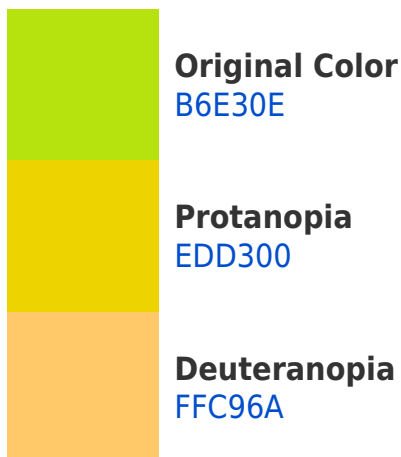


This preview shows how white text looks on a background with the Hex color B6E30E.

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](#).

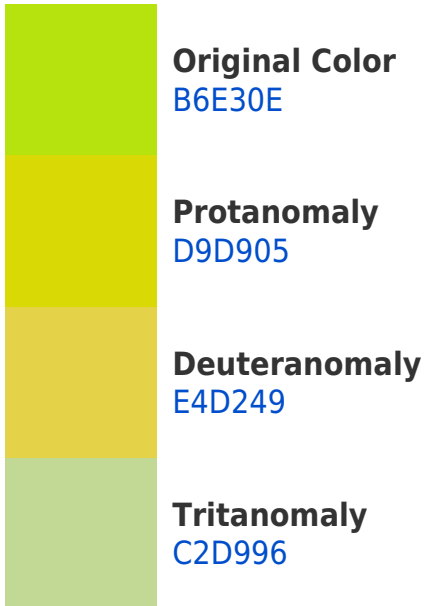
Dichromacy





Tritanopia
C9D3E4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B6E30E 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 #B6E30E looks like.

```
.text, #text, p{  
    color:#B6E30E  
}
```

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 #B6E30E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6E30E
}
```

Border

The CSS property to change the border of an element to Hex B6E30E 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
#B6E30E }
```

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

```
.border{ border-color:#B6E30E }
```

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

Here you see how a box with a 4 pixel #B6E30E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6E30E; -webkit-box-shadow:4px 4px  
4px 4px #B6E30E; box-shadow:4px 4px 4px  
4px #B6E30E }
```

Background

The CSS property to change the background color of an element to Hex B6E30E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6E30E }
```

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

```
.background{ background-color:#B6E30E }
```

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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