

Converting Colors

Hex(B9E30F)

Have a look what the booklet for
Hex(B9E30F) contains.

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Color

Hex(B9E30F)

Conversions

Conversions Part 1

Format	Color
Hex	B9E30F
RGB	185, 227, 15
RGB Percent	73%, 89%, 6%
CMY	0.2745, 0.1098, 0.9412
CMYK	0.19, 0.00, 0.93, 0.11
HSL	72°, 88%, 47%
HSV	72°, 93%, 89%
XYZ	47.5629, 65.2869, 10.5468
YIQ	190.2740, 43.0200, -74.8360

Conversions

Conversions Part 2

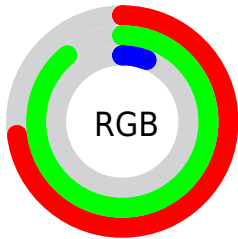
Format	Color
RYB	15, 227, 57
Decimal	12182287
CIELab	84.63, -36.80, 81.65
CIElCh	85, 89.560, 114.259
Yxy	65.2869, 0.3854, 0.5291
Android (android.graphics.Color)	4290372367 (0xFFB9E30F)
YUV	190.2740, -86.4101, -4.6253
Hunter-Lab	80.8003, -36.3271, 48.8212

Details

The Hex color **B9E30F** 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 **390FE3**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **F5FF5D**, and **7EAC00** is the 20% darker color. If you saturate the color by 10%, you get **B6E300**, and if you desaturate by 10%, it is **BDE326**.

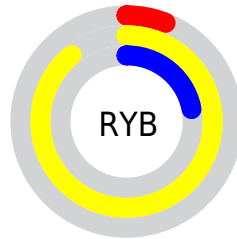
Distribution



Red (73%)

Green (89%)

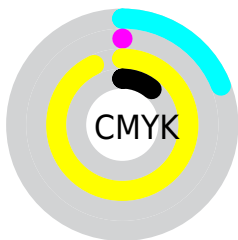
Blue (6%)



Red (6%)

Yellow (89%)

Blue (22%)

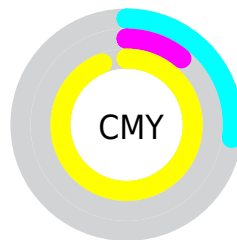


Cyan (19%)

Magenta (0%)

Yellow (93%)

Black (11%)



Cyan (27%)

Magenta (11%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color B9E30F 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 B9E30F by changing the saturation by 10% instead.

 B9E30F

 B9E30F

FFFFFF

 9CC700

 F5FF5D

 7EAC00

 FFFF7A

 629100

 FFFF98

 457700


 FFFFB5

 265E00

 FFFFD3

 004600

 FFFFF1

 002F00

 001900

 000000

 B9E30F

 B9E30F

 B6E300

 BDE326

 C2E33C

 C6E353

 CBE36A

 CFE381

 D4E397

 D8E3AE

 DDE3C5

 E1E3DB

Harmonies

Analogous

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



FFCA00



B9E30F



35F26A

Triad

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



B9E30F



00F3FF



FF7DE7

Complementary

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



B9E30F



390FE3

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.



FF9CFF



B9E30F



00E2FF

Square

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



B9E30F



00FAFF



B0C4FF



FF8493

Rectangle

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



B9E30F



00F7A2



B0C4FF



FF85FF

Sweetspot

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



B9E30F



F1FFB8



E3360F



778054



000000



808080

Same Dimension

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



B9E30F



CCFF00



52E30F



707367



8FB300



293300

Inverse Universe

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



390FE3



3300FF



A00FE3



6A6773



2300B3



0A0033

Previews

White Background



This preview shows how the Hex color B9E30F looks on a white background.

Color Contrast Check

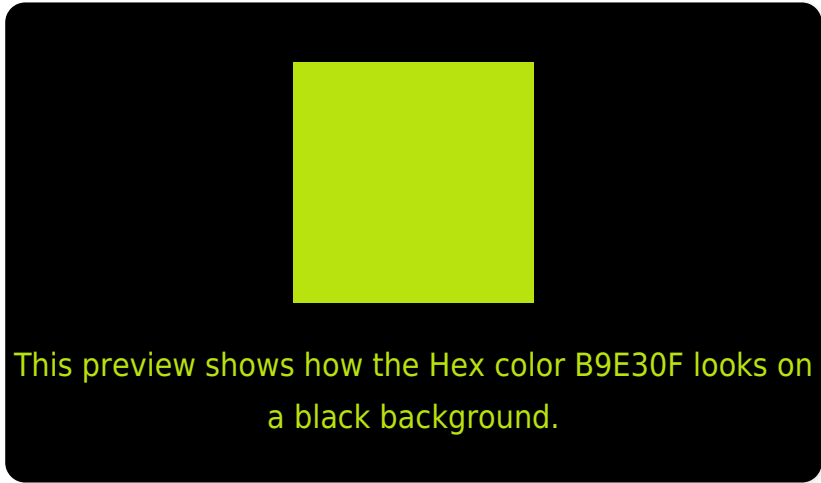
Large Text (above 18pt) WCAG AA × Fail

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 B9E30F Background



This preview shows how black text looks on a background with the Hex color B9E30F.

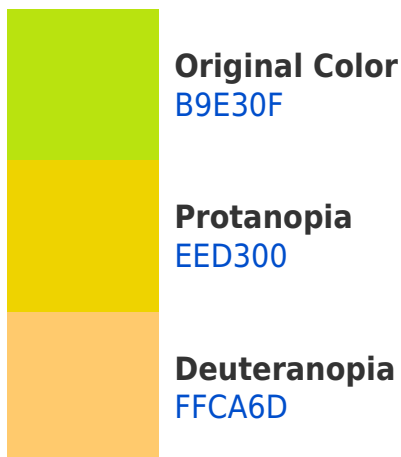


This preview shows how white text looks on a background with the Hex color B9E30F.

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](#).

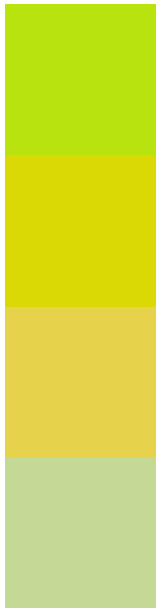
Dichromacy





Tritanopia
CCD3E4

Trichromacy



Original Color
B9E30F

Protanomaly
DBD905

Deuteranomaly
E6D34B

Tritanomaly
C5D997

Monochromacy



Original Color
B9E30F

Achromatopsia
BEBEBE

Achromatomaly
BCCB7E

CSS Examples

Text

The CSS property to change the color of the text to Hex B9E30F 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 #B9E30F looks like.

```
.text, #text, p{  
    color:#B9E30F  
}
```

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 #B9E30F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9E30F
}
```

Border

The CSS property to change the border of an element to Hex B9E30F 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
#B9E30F }
```

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

```
.border{ border-color:#B9E30F }
```

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

Here you see how a box with a 4 pixel #B9E30F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9E30F; -webkit-box-shadow:4px 4px  
4px 4px #B9E30F; box-shadow:4px 4px 4px  
4px #B9E30F }
```

Background

The CSS property to change the background color of an element to Hex B9E30F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9E30F }
```

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

```
.background{ background-color:#B9E30F }
```

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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