

Converting Colors

Hex(B9E031)

Have a look what the booklet for
Hex(B9E031) contains.

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Color

Hex(B9E031)

Conversions

Conversions Part 1

Format	Color
Hex	B9E031
RGB	185, 224, 49
RGB Percent	73%, 88%, 19%
CMY	0.2745, 0.1216, 0.8078
CMYK	0.17, 0.00, 0.78, 0.12
HSL	73°, 74%, 54%
HSV	73°, 78%, 88%
XYZ	47.2176, 63.8473, 12.7409
YIQ	192.3890, 32.9310, -62.6930

Conversions

Conversions Part 2

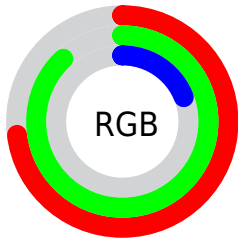
Format	Color
RYB	49, 224, 88
Decimal	12181553
CIELab	83.89, -34.55, 74.39
CIELCh	84, 82.024, 114.909
Yxy	63.8473, 0.3814, 0.5157
Android (android.graphics.Color)	4290371633 (0xFFB9E031)
YUV	192.3890, -70.6908, -6.4802
Hunter-Lab	79.9045, -34.3528, 46.4793

Details

The Hex color **B9E031** 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 **5831E0**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **F4FF6E**, and **7FA900** is the 20% darker color. If you saturate the color by 10%, you get **B4E01B**, and if you desaturate by 10%, it is **BEE047**.

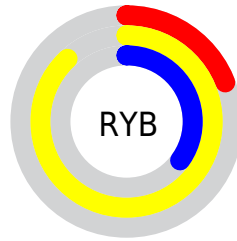
Distribution



Red (73%)

Green (88%)

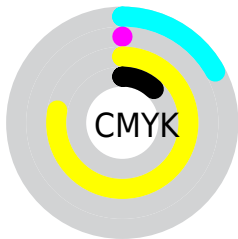
Blue (19%)



Red (19%)

Yellow (88%)

Blue (35%)

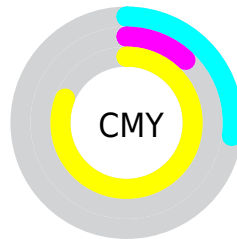


Cyan (17%)

Magenta (0%)

Yellow (78%)

Black (12%)



Cyan (27%)

Magenta (12%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color B9E031 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 B9E031 by changing the saturation by 10% instead.

 B9E031

 B9E031

FFFFFF

 9CC400

 F4FF6E

 7FA900

 FFFF8B

 638E00

 FFFFA7

 477400

 FFFF8B

 295C00

 FFFFE2

 054400

 002D00

 001600

 000000

 B9E031

 B9E031

 B4E01B

 BEE047

 AFE004

 C3E05E

 AEE000

 C8E074

 CDE08B

 D2E0A1

 D7E0B7

 DCE0CE

 E1E0E4

 E6E0FB

Harmonies

Analogous

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



FFC91D



B9E031



4AEE73

Triad

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



B9E031



00EFFF



FF86E2

Complementary

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



B9E031



5831E0

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.



FFA0FF



B9E031



00DEFF

Square

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



B9E031



00F5FF



B8C2FF



FF8C95

Rectangle

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



B9E031



00F3A6



B8C2FF



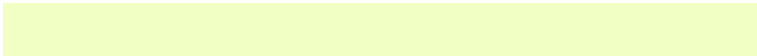
FF8CFC

Sweetspot

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



B9E031



F2FFC4



E05731



78805C



000000



808080

Same Dimension

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



B9E031



CAFF0F



63E031



6E7065



89B000



263000

Inverse Universe

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



5831E0



450FFF



AE31E0



676570



2700B0



0B0030

Previews

White Background



This preview shows how the Hex color B9E031 looks on a white background.

Color Contrast Check

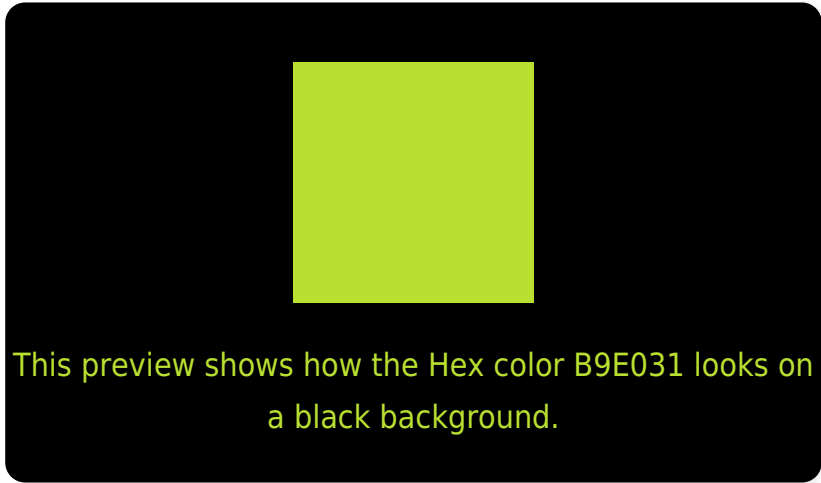
Large Text (above 18pt) WCAG AA × Fail

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 B9E031 Background



This preview shows how black text looks on a background with the Hex color B9E031.



This preview shows how white text looks on a background with the Hex color B9E031.

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



Original Color
B9E031

Protanopia
EBD12D

Deuteranopia
FFC764

Trichromacy



Original Color
B9E031

Protanomaly
D9D62E

Deuteranomaly
E6D051

Tritanomaly
C4D6A1

Monochromacy



Original Color
B9E031

Achromatopsia
C0C0C0

Achromatomaly
BDCC8C

CSS Examples

Text

The CSS property to change the color of the text to Hex B9E031 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 #B9E031 looks like.

```
.text, #text, p{  
    color:#B9E031  
}
```

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 #B9E031 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9E031
}
```

Border

The CSS property to change the border of an element to Hex B9E031 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
#B9E031 }
```

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

```
.border{ border-color:#B9E031 }
```

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

Here you see how a box with a 4 pixel #B9E031 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9E031; -webkit-box-shadow:4px 4px  
4px 4px #B9E031; box-shadow:4px 4px 4px  
4px #B9E031 }
```

Background

The CSS property to change the background color of an element to Hex B9E031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9E031 }
```

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

```
.background{ background-color:#B9E031 }
```

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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