

Converting Colors

Hex(B8D103)

Have a look what the booklet for
Hex(B8D103) contains.

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Color

Hex(B8D103)

Conversions

Conversions Part 1

Format	Color
Hex	B8D103
RGB	184, 209, 3
RGB Percent	72%, 82%, 1%
CMY	0.2784, 0.1804, 0.9882
CMYK	0.12, 0.00, 0.99, 0.18
HSL	67°, 97%, 42%
HSV	67°, 99%, 82%
XYZ	42.5841, 55.7978, 8.6118
YIQ	178.0410, 51.2260, -69.3660

Conversions

Conversions Part 2

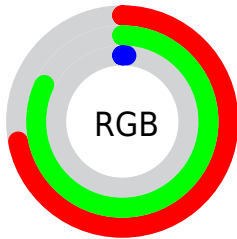
Format	Color
RYB	3, 209, 28
Decimal	12112131
CIELab	79.50, -29.04, 78.80
CIELCh	79, 83.982, 110.228
Yxy	55.7978, 0.3980, 0.5215
Android (android.graphics.Color)	4290302211 (0xFFB8D103)
YUV	178.0410, -86.2952, 5.2260
Hunter-Lab	74.6980, -28.9615, 45.4531

Details

The Hex color **B8D103** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed chartreuse. A complement of this color would be **1C03D1**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **F4FF56**, and **7E9B00** is the 20% darker color. If you saturate the color by 10%, you get **B8D100**, and if you desaturate by 10%, it is **BBD118**.

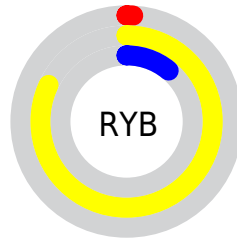
Distribution



Red (72%)

Green (82%)

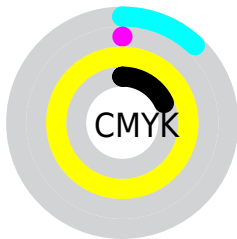
Blue (1%)



Red (1%)

Yellow (82%)

Blue (11%)

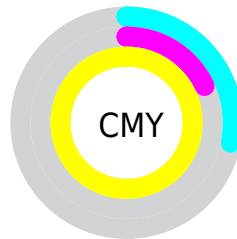


Cyan (12%)

Magenta (0%)

Yellow (99%)

Black (18%)



Cyan (28%)

Magenta (18%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color B8D103 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 B8D103 by changing the saturation by 10% instead.

 B8D103

 B8D103

FFFFFF

 9BB500

 F4FF56

 7E9B00

 FFFF74

 628100

 FFFF91

 466700

 FFFFAE

 294F00

 FFFFCB

 0A3800

 FFFFEB

 002300

 000000

 B8D103

 B8D103

 B8D100

 BBD118

 BDD12D

 C0D142

 C2D157

 C5D16B

 C7D180

 CAD195

 CCD1AA

 CFD1BF

Harmonies

Analogous

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



FFB800



B8D103



50E059

Triad

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



B8D103



00E4FF



FF78E2

Complementary

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



B8D103



1C03D1

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.



FF97FF



B8D103



00D6FF

Square

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



B8D103



00E9F9



8EBBFF



FF7994

Rectangle

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



B8D103



00E68D



8EBBFF



FF80FC

Sweetspot

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



B8D103



F6FFB3



D11B03



7A8052



000000



808080

Same Dimension

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



B8D103



E0FF00



52D103



67695E



94A800



242900

Inverse Universe

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



1C03D1



1F00FF



8203D1



5F5E69



1400A8



050029

Previews

White Background



This preview shows how the Hex color B8D103 looks on a white background.

Color Contrast Check

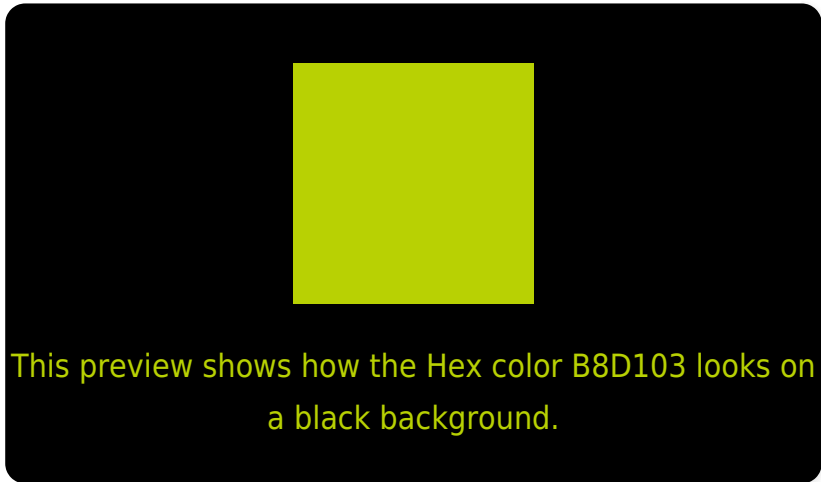
Large Text (above 18pt) WCAG AA × Fail

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 B8D103 Background



This preview shows how black text looks on a background with the Hex color B8D103.



This preview shows how white text looks on a background with the Hex color B8D103.

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
B8D103

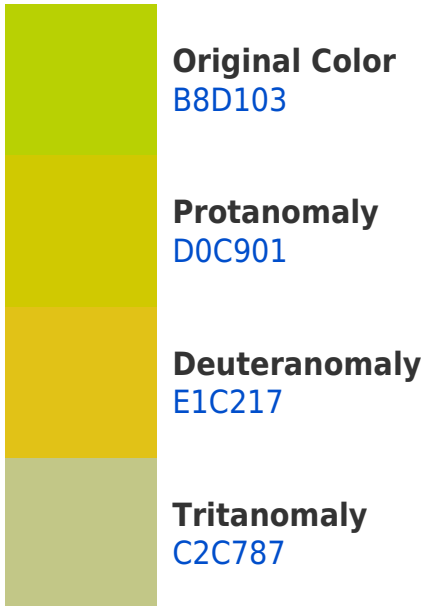
Protanopia
DEC500

Deuteranopia
F8BA23



Tritanopia
C8C2D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B8D103 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 #B8D103 looks like.

```
.text, #text, p{  
    color:#B8D103  
}
```

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 #B8D103 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8D103
}
```

Border

The CSS property to change the border of an element to Hex B8D103 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
#B8D103 }
```

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

```
.border{ border-color:#B8D103 }
```

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

Here you see how a box with a 4 pixel #B8D103 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8D103; -webkit-box-shadow:4px 4px  
4px 4px #B8D103; box-shadow:4px 4px 4px  
4px #B8D103 }
```

Background

The CSS property to change the background color of an element to Hex B8D103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8D103 }
```

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

```
.background{ background-color:#B8D103 }
```

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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