

Converting Colors

Hex(B2D53C)

Have a look what the booklet for
Hex(B2D53C) contains.

Hex(B2D53C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B2D53C)

Conversions

Conversions Part 1

Format	Color
Hex	B2D53C
RGB	178, 213, 60
RGB Percent	70%, 84%, 24%
CMY	0.3020, 0.1647, 0.7647
CMYK	0.16, 0.00, 0.72, 0.16
HSL	74°, 65%, 54%
HSV	74°, 72%, 84%
XYZ	42.9700, 57.3797, 13.0856
YIQ	185.0930, 28.2530, -55.0030

Conversions

Conversions Part 2

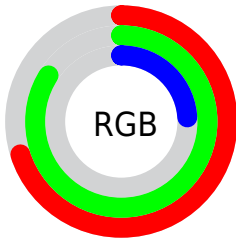
Format	Color
RYB	60, 213, 95
Decimal	11719996
CIELab	80.39, -31.74, 67.50
CIElCh	80, 74.586, 115.184
Yxy	57.3797, 0.3788, 0.5058
Android (android.graphics.Color)	4289910076 (0xFFB2D53C)
YUV	185.0930, -61.6708, -6.2206
Hunter-Lab	75.7494, -31.3047, 42.7823

Details

The Hex color **B2D53C** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **5F3CD5**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **EDFF75**, and **799E00** is the 20% darker color. If you saturate the color by 10%, you get **ADD527**, and if you desaturate by 10%, it is **B7D551**.

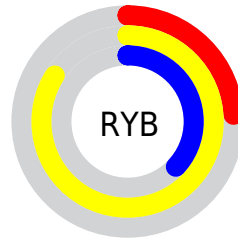
Distribution



Red (70%)

Green (84%)

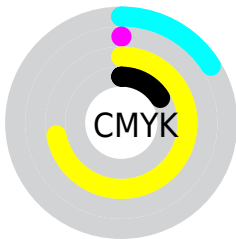
Blue (24%)



Red (24%)

Yellow (84%)

Blue (37%)

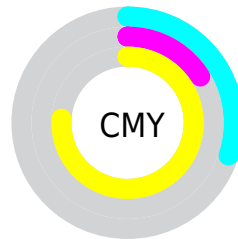


Cyan (16%)

Magenta (0%)

Yellow (72%)

Black (16%)



Cyan (30%)

Magenta (16%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2D53C 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 B2D53C by changing the saturation by 10% instead.

 B2D53C

 B2D53C

FFFFFF

 95B91A

 EDFF75

 799E00

 FFFF91

 5D8400

 FFFFAD

 426B00

 FFFFCA

 265200

 FFFFEE

 033B00

 002600

 000300

 000000

 B2D53C

 B2D53C

 ADD527

 B7D551

 A8D511

 BCD567

 A4D500

 C1D57C

 C5D591

 CAD5A7

 CFD5BC

 D4D5D1

 D9D5E6

 DED5FC

Harmonies

Analogous

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



F5C02D



B2D53C



52E274

Triad

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



B2D53C



00E2FF



FF86D6

Complementary

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



B2D53C



5F3CD5

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.



FF9BFF



B2D53C



00D3FF

Square

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



B2D53C



00E8FF



B4BAFF



FF8B90

Rectangle

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



B2D53C



00E7A1



B4BAFF



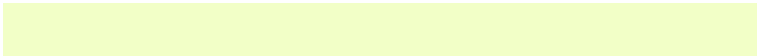
FF8BED

Sweetspot

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



B2D53C



F2FFC7



D55D3C



78805E



000000



808080

Same Dimension

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



B2D53C



CDFF24



67D53C



696B60



84AB00



212B00

Inverse Universe

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



5F3CD5



5624FF



AA3CD5



63606B



2700AB



0A002B

Previews

White Background



This preview shows how the Hex color B2D53C looks on a white background.

Color Contrast Check

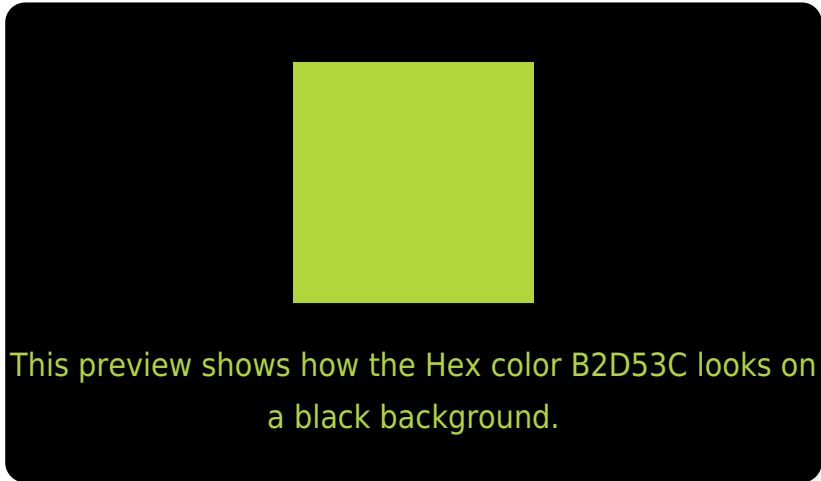
Large Text (above 18pt) WCAG AA × Fail

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 B2D53C Background



This preview shows how black text looks on a background with the Hex color B2D53C.

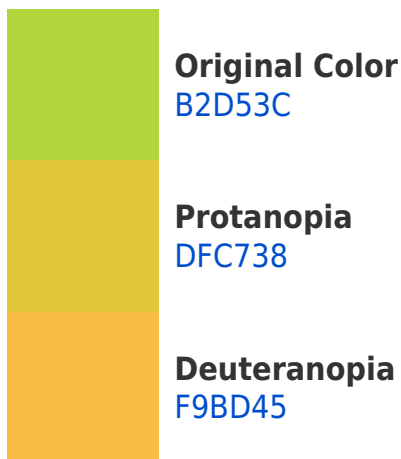


This preview shows how white text looks on a background with the Hex color B2D53C.

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](#).

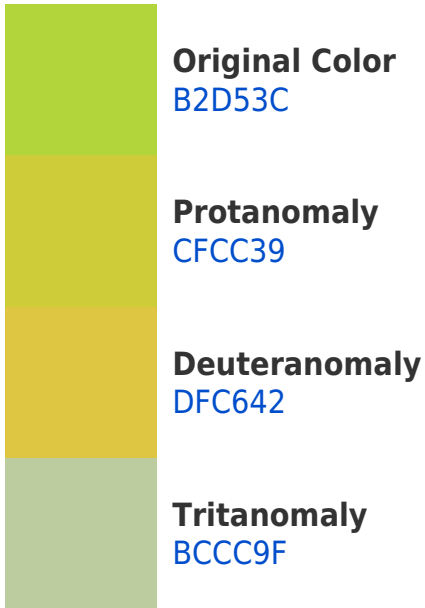
Dichromacy





Tritanopia
C2C7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B2D53C 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 #B2D53C looks like.

```
.text, #text, p{  
    color:#B2D53C  
}
```

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 #B2D53C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2D53C
}
```

Border

The CSS property to change the border of an element to Hex B2D53C 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
#B2D53C }
```

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

```
.border{ border-color:#B2D53C }
```

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

Here you see how a box with a 4 pixel #B2D53C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2D53C; -webkit-box-shadow:4px 4px  
4px 4px #B2D53C; box-shadow:4px 4px 4px  
4px #B2D53C }
```

Background

The CSS property to change the background color of an element to Hex B2D53C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2D53C }
```

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

```
.background{ background-color:#B2D53C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor