

Converting Colors

Hex(B2D548)

Have a look what the booklet for
Hex(B2D548) contains.

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Color

Hex(B2D548)

Conversions

Conversions Part 1

Format	Color
Hex	B2D548
RGB	178, 213, 72
RGB Percent	70%, 84%, 28%
CMY	0.3020, 0.1647, 0.7176
CMYK	0.16, 0.00, 0.66, 0.16
HSL	75°, 63%, 56%
HSV	75°, 66%, 84%
XYZ	43.3240, 57.5214, 14.9502
YIQ	186.4610, 24.4010, -51.2710

Conversions

Conversions Part 2

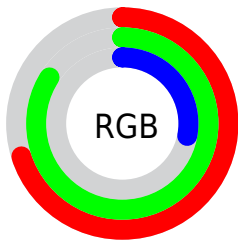
Format	Color
RYB	72, 213, 107
Decimal	11720008
CIELab	80.47, -31.03, 63.15
CIELCh	80, 70.363, 116.167
Yxy	57.5214, 0.3741, 0.4967
Android (android.graphics.Color)	4289910088 (0xFFB2D548)
YUV	186.4610, -56.4293, -7.4203
Hunter-Lab	75.8428, -30.7596, 41.4027

Details

The Hex color **B2D548** 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 **6B48D5**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **ECFF7F**, and **7A9E00** is the 20% darker color. If you saturate the color by 10%, you get **ADD533**, and if you desaturate by 10%, it is **B7D55D**.

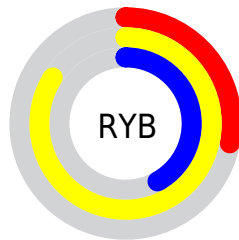
Distribution



Red (70%)

Green (84%)

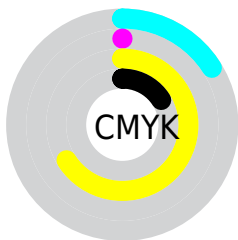
Blue (28%)



Red (28%)

Yellow (84%)

Blue (42%)

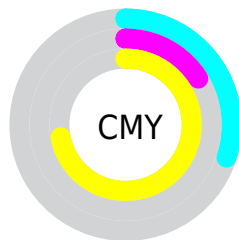


Cyan (16%)

Magenta (0%)

Yellow (66%)

Black (16%)



Cyan (30%)

Magenta (16%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2D548 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 B2D548 by changing the saturation by 10% instead.

 B2D548

 B2D548

FFFFFF

 96B92B

 ECFF7F

 7A9E00

 FFFF9B

 5E8400

 FFFFB7

 436B00

 FFFF D4

 275200

 FFFFF1

 063B00

 002600

 000300

 000000

 B2D548

 B2D548

 ADD533

 B7D55D

 A7D51D

 BDD573

 A2D508

 C2D588

 A0D500

 C7D59D

 CCD5B3

 D2D5C8

 D7D5DD

 DCD5F2

 E2D5FF

Harmonies

Analogous

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



F2C13A



B2D548



59E17B

Triad

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



B2D548



00E1FF



FF8CD3

Complementary

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



B2D548



6B48D5

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.



FF9EFF



B2D548



00D2FF

Square

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



B2D548



00E7FF



BBBAFF



FF9192

Rectangle

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



B2D548



00E6A6



BBBAFF



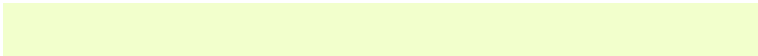
FF90E9

Sweetspot

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



B2D548



F2FFCC



D56948



788061



000000



808080

Same Dimension

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



B2D548



CDFF36



6ED548



686B60



80AB00



212B00

Inverse Universe

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



6B48D5



6836FF



AF48D5



63606B



2A00AB



0B002B

Previews

White Background



This preview shows how the Hex color B2D548 looks on a white background.

Color Contrast Check

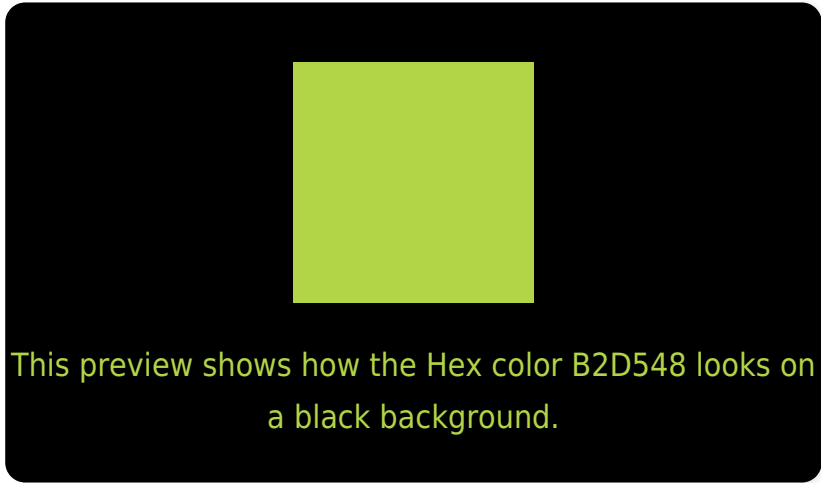
Large Text (above 18pt) WCAG AA × Fail

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 B2D548 Background



This preview shows how black text looks on a background with the Hex color B2D548.

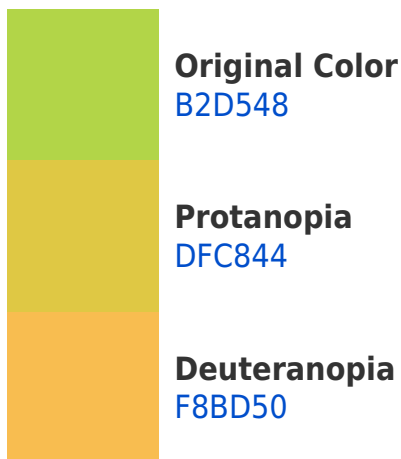


This preview shows how white text looks on a background with the Hex color B2D548.

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



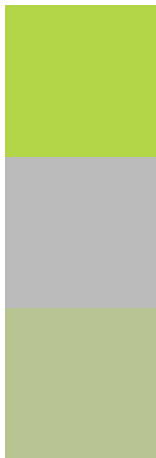
Original Color
B2D548

Protanomaly
CFCD45

Deuteranomaly
DFC64D

Tritanomaly
BCCCA3

Monochromacy



Original Color
B2D548

Achromatopsia
BABABA

Achromatomaly
B7C491

CSS Examples

Text

The CSS property to change the color of the text to Hex B2D548 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 #B2D548 looks like.

```
.text, #text, p{  
    color:#B2D548  
}
```

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 #B2D548 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2D548
}
```

Border

The CSS property to change the border of an element to Hex B2D548 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
#B2D548 }
```

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

```
.border{ border-color:#B2D548 }
```

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

Here you see how a box with a 4 pixel #B2D548 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2D548; -webkit-box-shadow:4px 4px  
4px 4px #B2D548; box-shadow:4px 4px 4px  
4px #B2D548 }
```

Background

The CSS property to change the background color of an element to Hex B2D548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2D548 }
```

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

```
.background{ background-color:#B2D548 }
```

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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