

Converting Colors

Hex(B1D538)

Have a look what the booklet for
Hex(B1D538) contains.

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Color

Hex(B1D538)

Conversions

Conversions Part 1

Format	Color
Hex	B1D538
RGB	177, 213, 56
RGB Percent	69%, 84%, 22%
CMY	0.3059, 0.1647, 0.7804
CMYK	0.17, 0.00, 0.74, 0.16
HSL	74°, 65%, 53%
HSV	74°, 74%, 84%
XYZ	42.6395, 57.2211, 12.5388
YIQ	184.3380, 28.9410, -56.4590

Conversions

Conversions Part 2

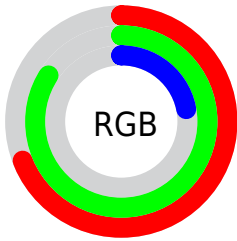
Format	Color
RYB	56, 213, 92
Decimal	11654456
CIELab	80.30, -32.34, 68.74
CIELCh	80, 75.966, 115.197
Yxy	57.2211, 0.3794, 0.5091
Android (android.graphics.Color)	4289844536 (0xFFB1D538)
YUV	184.3380, -63.2706, -6.4354
Hunter-Lab	75.6447, -31.7609, 43.1234

Details

The Hex color **B1D538** 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 **5C38D5**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **ECFF72**, and **789E00** is the 20% darker color. If you saturate the color by 10%, you get **ACD523**, and if you desaturate by 10%, it is **B6D54D**.

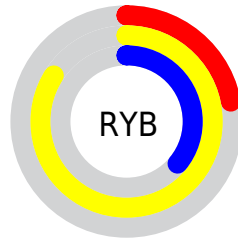
Distribution



Red (69%)

Green (84%)

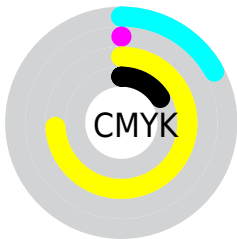
Blue (22%)



Red (22%)

Yellow (84%)

Blue (36%)

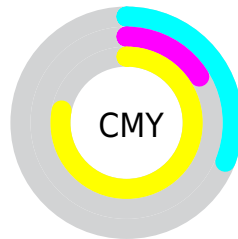


Cyan (17%)

Magenta (0%)

Yellow (74%)

Black (16%)



Cyan (31%)

Magenta (16%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1D538 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 B1D538 by changing the saturation by 10% instead.

 B1D538

 B1D538

FFFFFF

 94B913

 ECFF72

 789E00

 FFFF8E

 5C8400

 FFFFAA

 416B00

 FFFF8E

 245200

 FFFFE4

 003B00

 002600

 000200

 000000

 B1D538

 B1D538

 ACD523

 B6D54D

 A7D50D

 BBD563

 A4D500

 C0D578

 C5D58D

 C9D5A3

 CED5B8

 D3D5CD

 D8D5E2

 DDD5F8

Harmonies

Analogous

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



F5C028



B1D538



4EE272

Triad

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



B1D538



00E2FF



FF84D6

Complementary

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



B1D538



5C38D5

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.



FF9AFF



B1D538



00D3FF

Square

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



B1D538



00E9FF



B3B9FF



FF8A8F

Rectangle

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



B1D538



00E7A0



B3B9FF



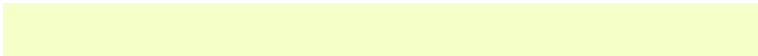
FF89ED

Sweetspot

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



B1D538



F2FFC7



D55A38



78805E



000000



808080

Same Dimension

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



B1D538



CCFF1F



64D538



696B60



84AB00



212B00

Inverse Universe

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



5C38D5



521FFF



A938D5



63606B



2700AB



0A002B

Previews

White Background



This preview shows how the Hex color B1D538 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



This preview shows how the Hex color B1D538 looks on a 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 B1D538 Background



This preview shows how black text looks on a background with the Hex color B1D538.

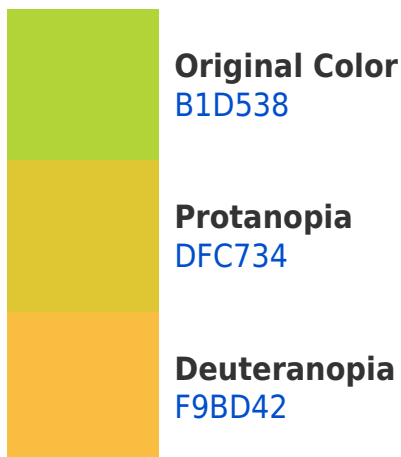


This preview shows how white text looks on a background with the Hex color B1D538.

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](#).

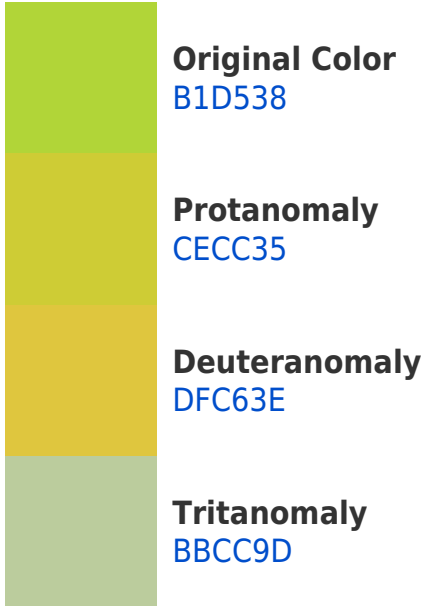
Dichromacy





Tritanopia
C1C7D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B1D538 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 #B1D538 looks like.

```
.text, #text, p{  
    color:#B1D538  
}
```

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 #B1D538 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1D538
}
```

Border

The CSS property to change the border of an element to Hex B1D538 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
#B1D538 }
```

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

```
.border{ border-color:#B1D538 }
```

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

Here you see how a box with a 4 pixel #B1D538 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1D538; -webkit-box-shadow:4px 4px  
4px 4px #B1D538; box-shadow:4px 4px 4px  
4px #B1D538 }
```

Background

The CSS property to change the background color of an element to Hex B1D538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1D538 }
```

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

```
.background{ background-color:#B1D538 }
```

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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