

Converting Colors

Hex(B1D453)

Have a look what the booklet for
Hex(B1D453) contains.

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Color

Hex(B1D453)

Conversions

Conversions Part 1

Format	Color
Hex	B1D453
RGB	177, 212, 83
RGB Percent	69%, 83%, 33%
CMY	0.3059, 0.1686, 0.6745
CMYK	0.17, 0.00, 0.61, 0.17
HSL	76°, 60%, 58%
HSV	76°, 61%, 83%
XYZ	43.2363, 57.0586, 16.9182
YIQ	186.8290, 20.5490, -47.5390

Conversions

Conversions Part 2

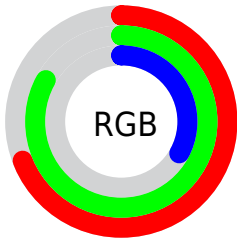
Format	Color
RYB	83, 212, 118
Decimal	11654227
CIELab	80.21, -30.17, 58.36
CIElCh	80, 65.699, 117.337
Yxy	57.0586, 0.3689, 0.4868
Android (android.graphics.Color)	4289844307 (0xFFB1D453)
YUV	186.8290, -51.1877, -8.6200
Hunter-Lab	75.5372, -30.0194, 39.5967

Details

The Hex color **B1D453** 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 **7653D4**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **EBFF89**, and **799D19** is the 20% darker color. If you saturate the color by 10%, you get **ABD43E**, and if you desaturate by 10%, it is **B7D468**.

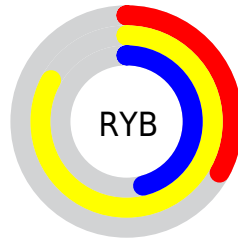
Distribution



Red (69%)

Green (83%)

Blue (33%)



Red (33%)

Yellow (83%)

Blue (46%)

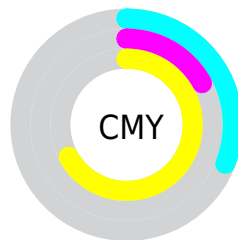


Cyan (17%)

Magenta (0%)

Yellow (61%)

Black (17%)



Cyan (31%)

Magenta (17%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1D453 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 B1D453 by changing the saturation by 10% instead.

 B1D453

 B1D453

FFFFFF

 95B838

 EBFF89

 799D19

 FFFFA5

 5E8300

 FFFFC1

 436A00

 FFFFDE

 295100

 FFFFFB

 083A00

 002500

 000100

 000000

 B1D453

 B1D453

 ABD43E

 B7D468

 A5D429

 BDD47D

 A0D413

 C2D493

 9AD400

 C8D4A8

 CED4BD

 D4D4D2

 D9D4E7

 DFD4FD

 E5D4FF

Harmonies

Analogous

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



EEC245



B1D453



60DF82

Triad

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



B1D453



00DEFF



FF91CF

Complementary

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



B1D453



7653D4

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



B1D453



00CFFF

Square

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



B1D453



00E4FE



C0B9FF



FF9692

Rectangle

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



B1D453



00E4AA



C0B9FF



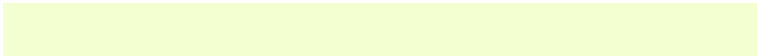
FF94E4

Sweetspot

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



B1D453



F3FFD1



D47553



788063



000000



808080

Same Dimension

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



B1D453



CCFF45



71D453



686B60



7CAB00



202B00

Inverse Universe

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



7653D4



7745FF



B653D4



63606B



2E00AB



0C002B

Previews

White Background



This preview shows how the Hex color B1D453 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 B1D453 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 B1D453 Background



This preview shows how black text looks on a background with the Hex color B1D453.

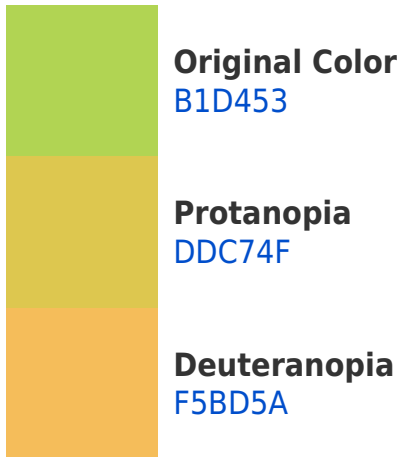


This preview shows how white text looks on a background with the Hex color B1D453.

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](#).

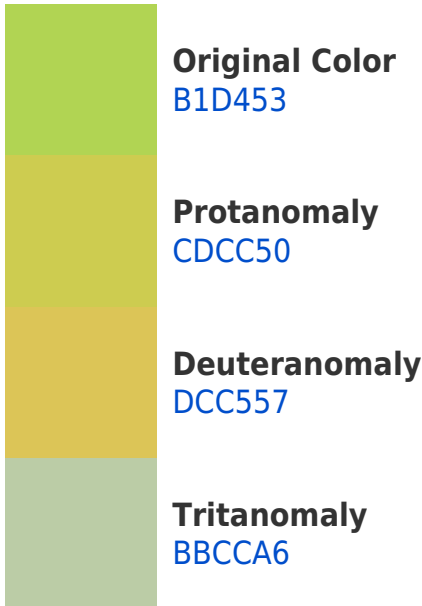
Dichromacy



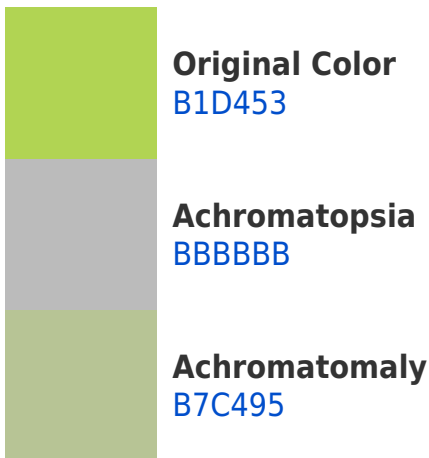


Tritanopia
C0C7D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B1D453 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 #B1D453 looks like.

```
.text, #text, p{  
    color:#B1D453  
}
```

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 #B1D453 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1D453
}
```

Border

The CSS property to change the border of an element to Hex B1D453 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
#B1D453 }
```

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

```
.border{ border-color:#B1D453 }
```

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

Here you see how a box with a 4 pixel #B1D453 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1D453; -webkit-box-shadow:4px 4px  
4px 4px #B1D453; box-shadow:4px 4px 4px  
4px #B1D453 }
```

Background

The CSS property to change the background color of an element to Hex B1D453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1D453 }
```

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

```
.background{ background-color:#B1D453 }
```

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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