

Converting Colors

Hex(BDC41D)

Have a look what the booklet for
Hex(BDC41D) contains.

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Color

Hex(BDC41D)

Conversions

Conversions Part 1

Format	Color
Hex	BDC41D
RGB	189, 196, 29
RGB Percent	74%, 77%, 11%
CMY	0.2588, 0.2314, 0.8863
CMYK	0.04, 0.00, 0.85, 0.23
HSL	63°, 74%, 44%
HSV	63°, 85%, 77%
XYZ	40.9480, 50.3874, 8.7299
YIQ	174.8690, 49.4350, -53.4210

Conversions

Conversions Part 2

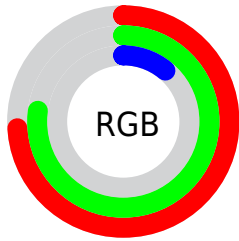
Format	Color
R _Y B	29, 196, 36
Decimal	12436509
CIE Lab	76.31, -20.24, 72.91
CIE LCh	76, 75.666, 105.516
Yxy	50.3874, 0.4092, 0.5035
Android (android.graphics.Color)	4290626589 (0xFFBDC41D)
YUV	174.8690, -71.9134, 12.3929
Hunter-Lab	70.9841, -21.2524, 42.3971

Details

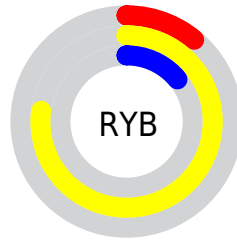
The Hex color **BDC41D** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle washed chartreuse. A complement of this color would be **241DC4**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **F9FC5D**, and **838F00** is the 20% darker color. If you saturate the color by 10%, you get **BCC409**, and if you desaturate by 10%, it is **BEC431**.

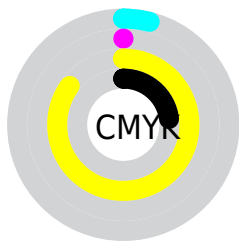
Distribution



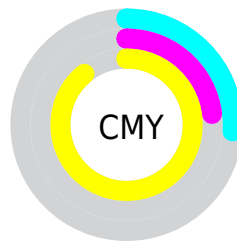
- Red (74%)
- Green (77%)
- Blue (11%)



- Red (11%)
- Yellow (77%)
- Blue (14%)



- Cyan (4%)
- Magenta (0%)
- Yellow (85%)
- Black (23%)



- Cyan (26%)
- Magenta (23%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color BDC41D 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 BDC41D by changing the saturation by 10% instead.

 BDC41D

 BDC41D

FFFFFF

 A0A900

 F9FC5D

 838F00

 FFFF7A

 677500

 FFFF96

 4C5D00

 FFFFB3

 314500

 FFFF00

 172F00

 FFFFED

 001C00

 000000

 BDC41D

 BDC41D

 BCC409

 BEC431

 BCC400

 BFC444

 BFC458

 C0C46B

 C1C47F

 C2C493

 C3C4A6

 C4C4BA

 C4C4CD

Harmonies

Analogous

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



FBAD26



BDC41D



6BD353

Triad

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



BDC41D



00DAFF



FF7DE1

Complementary

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



BDC41D



241DC4

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.



ED99FF



BDC41D



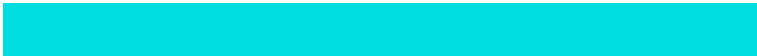
00CEFF

Square

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



BDC41D



00DDE0



75B8FF



FF799B

Rectangle

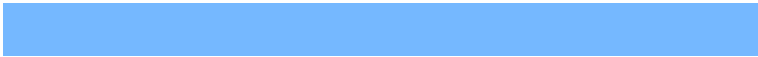
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



BDC41D



00D97F



75B8FF



FF85F8

Sweetspot

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



BDC41D



FCFFBD



C4231D



7E8058



000000



808080

Same Dimension

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



BDC41D



F4FF00



6BC41D



606157



9AA100



202100

Inverse Universe

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



241DC4



0B00FF



761DC4



585761



0700A1



010021

Previews

White Background



This preview shows how the Hex color BDC41D looks on a white background.

Color Contrast Check

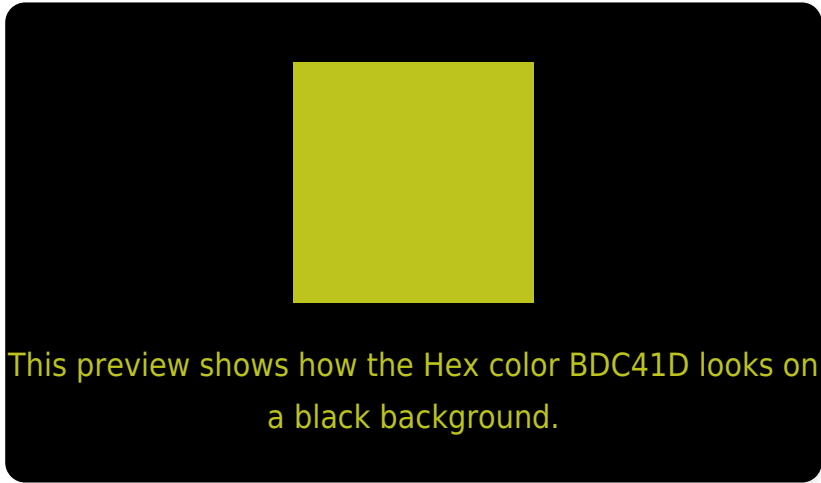
Large Text (above 18pt) WCAG AA × Fail

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 BDC41D Background



This preview shows how black text looks on a background with the Hex color BDC41D.



This preview shows how white text looks on a background with the Hex color BDC41D.

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

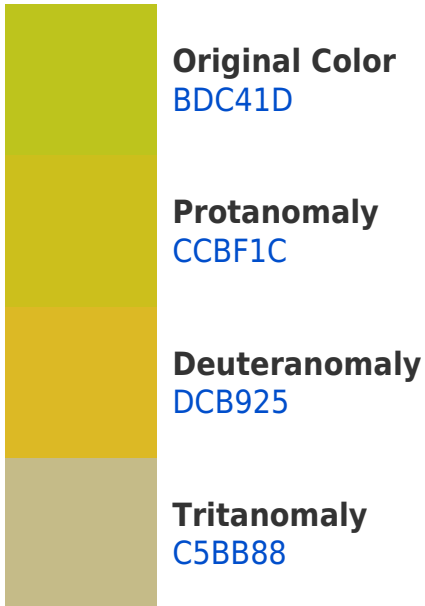


Original Color
BDC41D

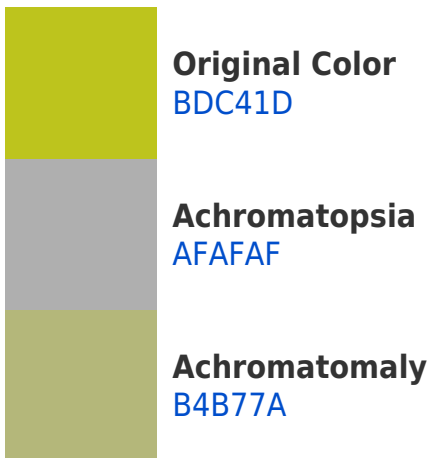
Protanopia
D4BC1B

Deuteranopia
EDB229

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BDC41D 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 #BDC41D looks like.

```
.text, #text, p{  
    color:#BDC41D  
}
```

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 #BDC41D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDC41D
}
```

Border

The CSS property to change the border of an element to Hex BDC41D 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
#BDC41D }
```

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

```
.border{ border-color:#BDC41D }
```

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

Here you see how a box with a 4 pixel #BDC41D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDC41D; -webkit-box-shadow:4px 4px  
4px 4px #BDC41D; box-shadow:4px 4px 4px  
4px #BDC41D }
```

Background

The CSS property to change the background color of an element to Hex BDC41D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDC41D }
```

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

```
.background{ background-color:#BDC41D }
```

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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