

Converting Colors

Hex(ABD02F)

Have a look what the booklet for
Hex(ABD02F) contains.

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Color

Hex(ABD02F)

Conversions

Conversions Part 1

Format	Color
Hex	ABD02F
RGB	171, 208, 47
RGB Percent	67%, 82%, 18%
CMY	0.3294, 0.1843, 0.8157
CMYK	0.18, 0.00, 0.77, 0.18
HSL	74°, 63%, 50%
HSV	74°, 77%, 82%
XYZ	39.8636, 53.9749, 11.0065
YIQ	178.5830, 29.6290, -57.9150

Conversions

Conversions Part 2

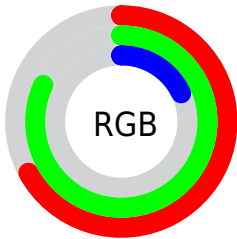
Format	Color
R_{YB}	47, 208, 84
Decimal	11259951
CIE _{Lab}	78.45, -32.83, 69.67
CIE _{LCh}	78, 77.021, 115.231
Yxy	53.9749, 0.3802, 0.5148
Android (android.graphics.Color)	4289450031 (0xFFABD02F)
YUV	178.5830, -64.8704, -6.6503
Hunter-Lab	73.4676, -31.7142, 42.5449

Details

The Hex color **ABD02F** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle washed chartreuse. A complement of this color would be **542FD0**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **E6FF6A**, and **729A00** is the 20% darker color. If you saturate the color by 10%, you get **A6D01A**, and if you desaturate by 10%, it is **B0D044**.

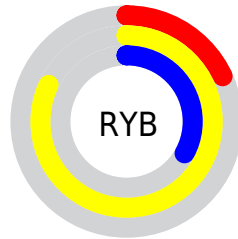
Distribution



Red (67%)

Green (82%)

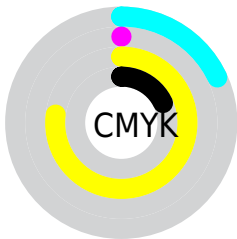
Blue (18%)



Red (18%)

Yellow (82%)

Blue (33%)

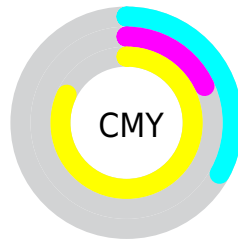


Cyan (18%)

Magenta (0%)

Yellow (77%)

Black (18%)



Cyan (33%)

Magenta (18%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color ABD02F 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 ABD02F by changing the saturation by 10% instead.

 ABD02F

 ABD02F

FFFFFF

 8EB400

 E6FF6A

 729A00

 FFFF86

 567F00

 FFFFA3

 3B6600

 FFFFBF

 1D4E00

 FFFFDC

 003700

 FFFFFA

 002300

 000000

 ABD02F

 ABD02F

 A6D01A

 B0D044

 A1D005

 B5D059

 A0D000

 B9D06D

 BED082

 C3D097

 C8D0AC

 CCD0C1

 D1D0D5

 D6D0EA

Harmonies

Analogous

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



F0BB1C



ABD02F



44DD6C

Triad

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



ABD02F



00DDFF



FF7DD1

Complementary

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



ABD02F



542FD0

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.



FF94FF



ABD02F



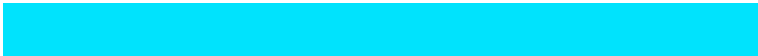
00CEFF

Square

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



ABD02F



00E3FD



ADB4FF



FF8389

Rectangle

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



ABD02F



00E29B



ADB4FF



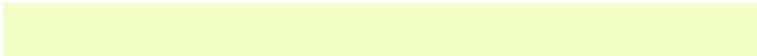
FF82E9

Sweetspot

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



ABD02F



F2FFC4



D0522F



77805C



000000



808080

Same Dimension

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



ABD02F



C8FF12



5DD02F



66695E



82A800



1F2900

Inverse Universe

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



542FD0



4812FF



A22FD0



605E69



2700A8



090029

Previews

White Background



This preview shows how the Hex color ABD02F looks on a white background.

Color Contrast Check

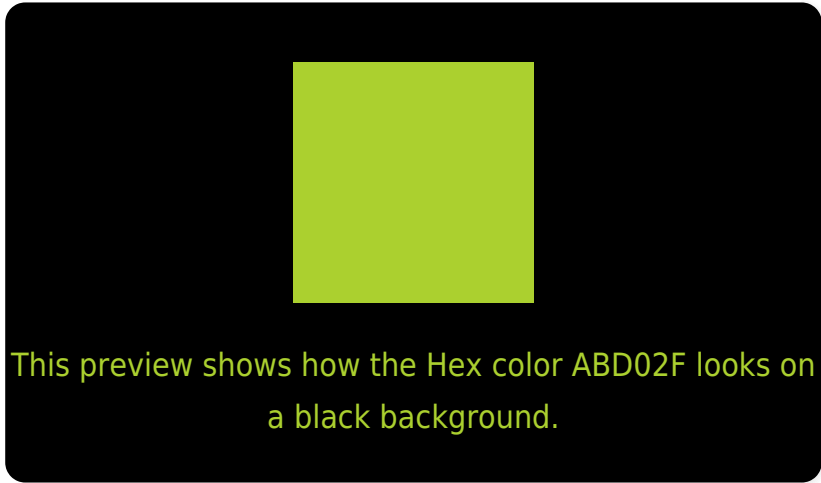
Large Text (above 18pt) WCAG AA × Fail

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 ABD02F Background



This preview shows how black text looks on a background with the Hex color ABD02F.



This preview shows how white text looks on a background with the Hex color ABD02F.

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
ABD02F

Protanopia
DAC22B

Deuteranopia
F3B83A



Tritanopia
BBC2D1

Trichromacy



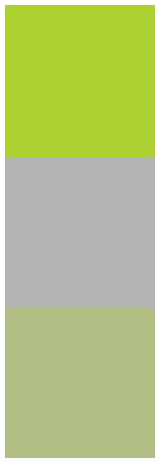
Original Color
ABD02F

Protanomaly
C9C72C

Deuteranomaly
D9C136

Tritanomaly
B5C796

Monochromacy



Original Color
ABD02F

Achromatopsia
B3B3B3

Achromatomaly
B0BE83

CSS Examples

Text

The CSS property to change the color of the text to Hex ABD02F 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 #ABD02F looks like.

```
.text, #text, p{  
    color:#ABD02F  
}
```

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 #ABD02F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ABD02F
}
```

Border

The CSS property to change the border of an element to Hex ABD02F 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
#ABD02F }
```

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

```
.border{ border-color:#ABD02F }
```

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

Here you see how a box with a 4 pixel #ABD02F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ABD02F; -webkit-box-shadow:4px 4px  
4px 4px #ABD02F; box-shadow:4px 4px 4px  
4px #ABD02F }
```

Background

The CSS property to change the background color of an element to Hex ABD02F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ABD02F }
```

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

```
.background{ background-color:#ABD02F }
```

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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