

Converting Colors

Hex(ABD727)

Have a look what the booklet for
Hex(ABD727) contains.

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Color

Hex(ABD727)

Conversions

Conversions Part 1

Format	Color
Hex	ABD727
RGB	171, 215, 39
RGB Percent	67%, 84%, 15%
CMY	0.3294, 0.1569, 0.8471
CMYK	0.20, 0.00, 0.82, 0.16
HSL	75°, 69%, 50%
HSV	75°, 82%, 84%
XYZ	41.4612, 57.4053, 10.8145
YIQ	181.7800, 30.2720, -64.0640

Conversions

Conversions Part 2

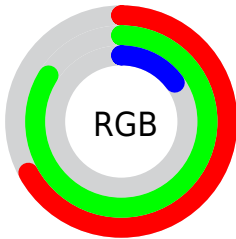
Format	Color
RYB	39, 215, 83
Decimal	11261735
CIELab	80.41, -36.34, 73.60
CIELCh	80, 82.082, 116.282
Yxy	57.4053, 0.3780, 0.5234
Android (android.graphics.Color)	4289451815 (0xFFABD727)
YUV	181.7800, -70.3905, -9.4541
Hunter-Lab	75.7663, -34.9112, 44.5736

Details

The Hex color **ABD727** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **5327D7**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **E6FF66**, and **72A000** is the 20% darker color. If you saturate the color by 10%, you get **A6D711**, and if you desaturate by 10%, it is **B0D73D**.

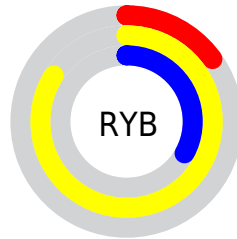
Distribution



Red (67%)

Green (84%)

Blue (15%)



Red (15%)

Yellow (84%)

Blue (33%)

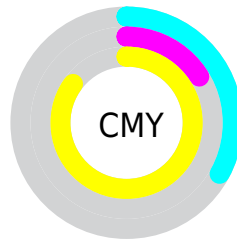


Cyan (20%)

Magenta (0%)

Yellow (82%)

Black (16%)



Cyan (33%)

Magenta (16%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color ABD727 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 ABD727 by changing the saturation by 10% instead.

 ABD727

 ABD727

FFFFFF

 8EBB00

 E6FF66

 72A000

 FFFF82

 558600

 FFFF9F

 396C00

 FFFFBC

 195400

 FFFFD9

 003C00

 FFFFF7

 002700

 000300

 000000

 ABD727

 ABD727

 A6D711

 B0D73D

 A1D700

 B6D752

 BBD767

 C1D77D

 C6D793

 CBD7A8

 D1D7BE

 D6D7D3

 DBD7E9

Harmonies

Analogous

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



F5C102



ABD727



31E46D

Triad

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



ABD727



00E4FF



FF7BD4

Complementary

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



ABD727



5327D7

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



ABD727



00D3FF

Square

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



ABD727



00EBFF



B4B7FF



FF8388

Rectangle

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



ABD727



00E9A0



B4B7FF



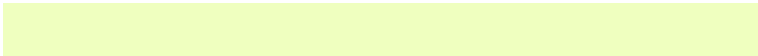
FF81EE

Sweetspot

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



ABD727



EFFFBF



D75327



768059



000000



808080

Same Dimension

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



ABD727



C1FF05



53D727



686B60



80AB00



212B00

Inverse Universe

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



5327D7



4405FF



AB27D7



63606B



2B00AB



0B002B

Previews

White Background



This preview shows how the Hex color ABD727 looks on a white background.

Color Contrast Check

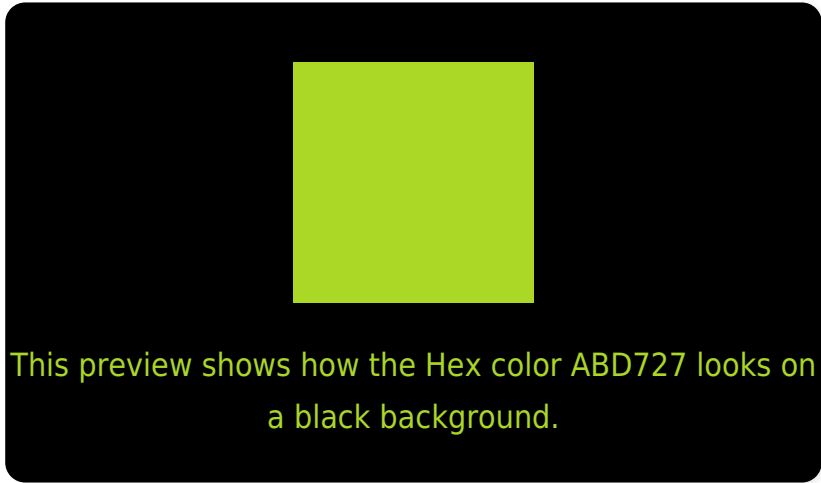
Large Text (above 18pt) WCAG AA × Fail

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 ABD727 Background



This preview shows how black text looks on a background with the Hex color ABD727.

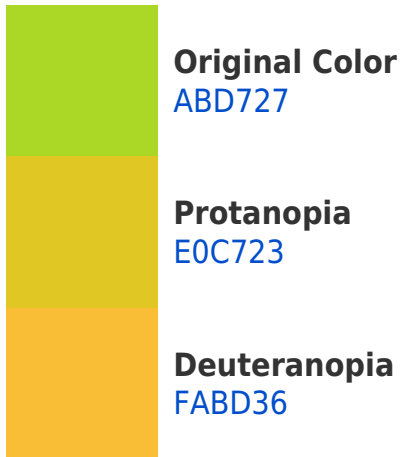


This preview shows how white text looks on a background with the Hex color ABD727.

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
BDC8D8

Trichromacy



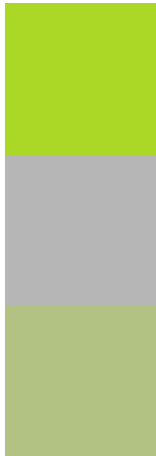
Original Color
ABD727

Protanomaly
CDCD24

Deuteranomaly
DDC631

Tritanomaly
B6CD98

Monochromacy



Original Color
ABD727

Achromatopsia
B6B6B6

Achromatomaly
B2C282

CSS Examples

Text

The CSS property to change the color of the text to Hex ABD727 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 #ABD727 looks like.

```
.text, #text, p{  
    color:#ABD727  
}
```

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 #ABD727 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ABD727
}
```

Border

The CSS property to change the border of an element to Hex ABD727 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
#ABD727 }
```

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

```
.border{ border-color:#ABD727 }
```

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

Here you see how a box with a 4 pixel #ABD727 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ABD727; -webkit-box-shadow:4px 4px  
4px 4px #ABD727; box-shadow:4px 4px 4px  
4px #ABD727 }
```

Background

The CSS property to change the background color of an element to Hex ABD727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ABD727 }
```

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

```
.background{ background-color:#ABD727 }
```

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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