

# Converting Colors

Hex(ABDE29)

Have a look what the booklet for  
Hex(ABDE29) contains.

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# Color

Hex(**ABDE29**)

# Conversions

## Conversions Part 1

Format	Color
Hex	ABDE29
RGB	171, 222, 41
RGB Percent	67%, 87%, 16%
CMY	0.3294, 0.1294, 0.8392
CMYK	0.23, 0.00, 0.82, 0.13
HSL	77°, 73%, 52%
HSV	77°, 82%, 87%
XYZ	43.3161, 61.0606, 11.6007
YIQ	186.1170, 27.7050, -67.1030

# Conversions

## Conversions Part 2

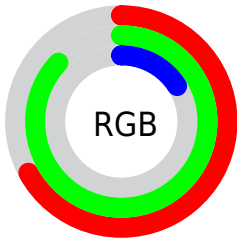
Format	Color
R <sub>Y</sub> B	41, 222, 92
Decimal	11263529
CIE Lab	82.41, -39.41, 74.86
CIE LCh	82, 84.602, 117.765
Yxy	61.0606, 0.3735, 0.5265
Android (android.graphics.Color)	4289453609 (0xFFABDE29)
YUV	186.1170, -71.5427, -13.2576
Hunter-Lab	78.1413, -37.7992, 45.8968

# Details

The Hex color **ABDE29** 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 **5C29DE**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **E6FF68**, and **71A700** is the 20% darker color. If you saturate the color by 10%, you get **A5DE13**, and if you desaturate by 10%, it is **B1DE3F**.

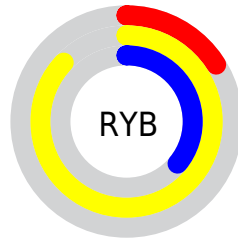
# Distribution



Red (67%)

Green (87%)

Blue (16%)



Red (16%)

Yellow (87%)

Blue (36%)

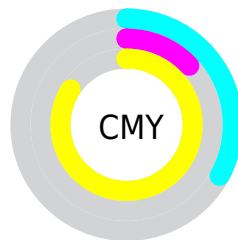


Cyan (23%)

Magenta (0%)

Yellow (82%)

Black (13%)



Cyan (33%)

Magenta (13%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ABDE29 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 ABDE29 by changing the saturation by 10% instead.



 ABDE29

 ABDE29

FFFFFF

 8EC200

 E6FF68

 71A700

 FFFF85

 558C00

 FFFFA1

 387200

 FFFFBE

 155900

 FFFFDC

 004100

 FFFFFA

 002B00

 001000

 000000

 ABDE29

 ABDE29

 A5DE13

 B1DE3F

 9FDE00

 B8DE55

 BEDE6C

 C4DE82

 CADE98

 D1DEAE

 D7DEC4

 DDDEDB

 E3DEF1

# Harmonies

## Analogous

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



F9C700



ABDE29



1BEB73

# Triad

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



ABDE29



00EAF7



FF7DD6

# Complementary

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



ABDE29



5C29DE

# 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.



FF96FF



ABDE29



00D8FF

# Square

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



ABDE29



00F1FF



C0BAFF



FF8788

# Rectangle

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



ABDE29



00F0A9



C0BAFF



FF82F1



# Sweetspot

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



ABDE29



EEFFC2



DE5929



75805B



000000



808080



# Same Dimension

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



ABDE29



B9FF05



53DE29



6D7065



7EB000



233000



# Inverse Universe

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



5C29DE



4C05FF



B429DE



686570



3200B0

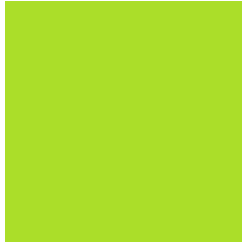


0E0030



# Previews

## White Background



This preview shows how the Hex color ABDE29 looks on a white background.

## Color Contrast Check

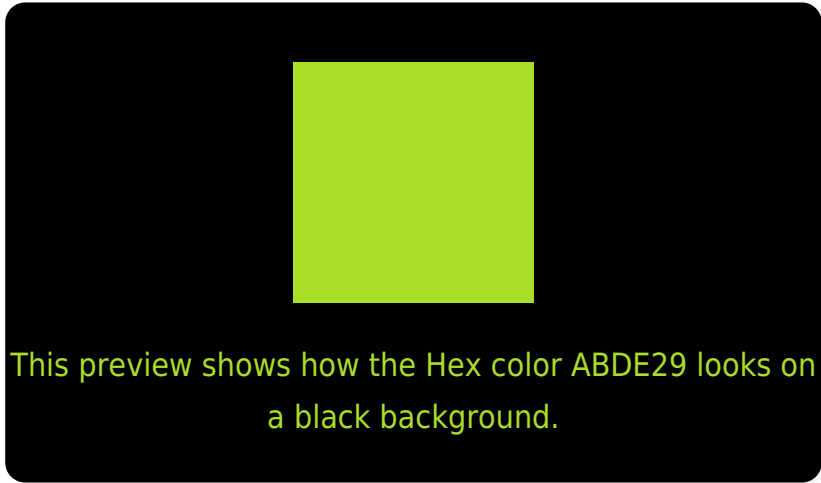
Large Text (above 18pt) WCAG AA × Fail

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 ABDE29 Background



This preview shows how black text looks on a background with the Hex color ABDE29.

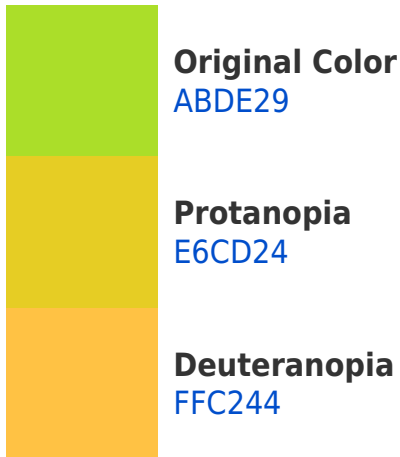


This preview shows how white text looks on a background with the Hex color ABDE29.

# 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





# Trichromacy



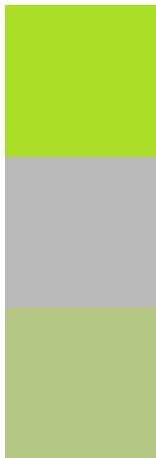
**Original Color**  
ABDE29

**Protanomaly**  
D1D326

**Deuteranomaly**  
E0CC3A

**Tritanomaly**  
B7D49D

# Monochromacy



**Original Color**  
ABDE29

**Achromatopsia**  
BABABA

**Achromatomaly**  
B5C785

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ABDE29 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 #ABDE29 looks like.

```
.text, #text, p{  
    color:#ABDE29  
}
```

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 #ABDE29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ABDE29
}
```

## Border

The CSS property to change the border of an element to Hex ABDE29 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
#ABDE29 }
```

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

```
.border{ border-color:#ABDE29 }
```

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

Here you see how a box with a 4 pixel #ABDE29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ABDE29; -webkit-box-shadow:4px 4px  
4px 4px #ABDE29; box-shadow:4px 4px 4px  
4px #ABDE29 }
```

# Background

The CSS property to change the background color of an element to Hex ABDE29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ABDE29 }
```

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

```
.background{ background-color:#ABDE29 }
```

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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