

# Converting Colors

Hex(ABE241)

Have a look what the booklet for  
Hex(ABE241) contains.

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# Color

**Hex(ABE241)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ABE241
RGB	171, 226, 65
RGB Percent	67%, 89%, 25%
CMY	0.3294, 0.1137, 0.7451
CMYK	0.24, 0.00, 0.71, 0.11
HSL	80°, 74%, 57%
HSV	80°, 71%, 89%
XYZ	44.9451, 63.4323, 14.8758
YIQ	191.2010, 18.9010, -61.7310

# Conversions

## Conversions Part 2

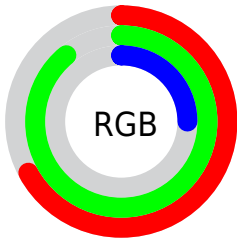
<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 226, 120
Decimal	11264577
CIELab	83.67, -40.07, 68.84
CIELCh	84, 79.649, 120.204
Yxy	63.4323, 0.3647, 0.5147
Android (android.graphics.Color)	4289454657 (0xFFABE241)
YUV	191.2010, -62.2171, -17.7163
Hunter-Lab	79.6444, -38.6462, 44.6770

# Details

The Hex color **ABE241** 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 **7841E2**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **E6FF7A**, and **72AA00** is the 20% darker color. If you saturate the color by 10%, you get **A3E22A**, and if you desaturate by 10%, it is **B3E258**.

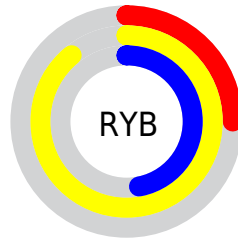
# Distribution



Red (67%)

Green (89%)

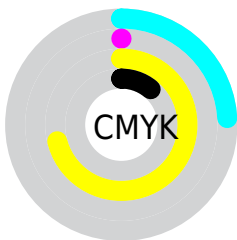
Blue (25%)



Red (25%)

Yellow (89%)

Blue (47%)

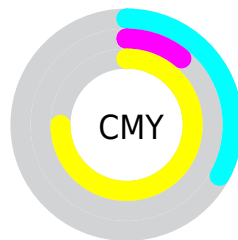


Cyan (24%)

Magenta (0%)

Yellow (71%)

Black (11%)



Cyan (33%)

Magenta (11%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ABE241 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 ABE241 by changing the saturation by 10% instead.



 ABE241

 ABE241

FFFFFF

 8EC620

 E6FF7A

 72AA00

 FFFF96

 569000

 FFFFB3

 397600

 FFFF00

 185D00

 FFFF66

 004400

 002E00

 001500

 000000

 ABE241

 ABE241

 A3E22A

 B3E258

 9CE214

 BAE26E


 95E200

 C2E285

 CAE29B

 D2E2B2

 D9E2C9

 E1E2DF

 E9E2F6

 F0E2FF

# Harmonies

## Analogous

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



F6CD23



ABE241



29EE82

# Triad

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



ABE241



00EBFF



FF88D3

# Complementary

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



ABE241



7841E2

# 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.



FF9BFF



ABE241



00D9FF

# Square

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



ABE241



00F3FF



D0BCFF



FF938A

# Rectangle

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



ABE241



00F3B5



D0BCFF



FF8BED

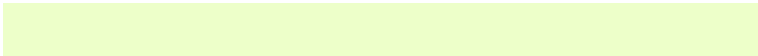


# Sweetspot

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



ABE241



EDFFC9



E27741



758060



000000



808080



# Same Dimension

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



ABE241



B5FF26



5CE241



6C7065



74B000



203000



# Inverse Universe

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



7841E2



7026FF



C741E2



696570



3C00B0



110030



# Previews

## White Background



This preview shows how the Hex color ABE241 looks on a white background.

## Color Contrast Check

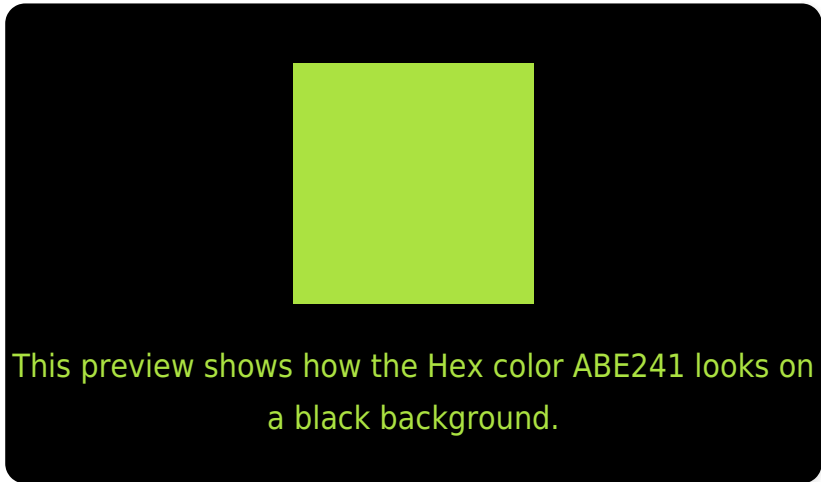
Large Text (above 18pt) WCAG AA × Fail

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 ABE241 Background



This preview shows how black text looks on a background with the Hex color ABE241.

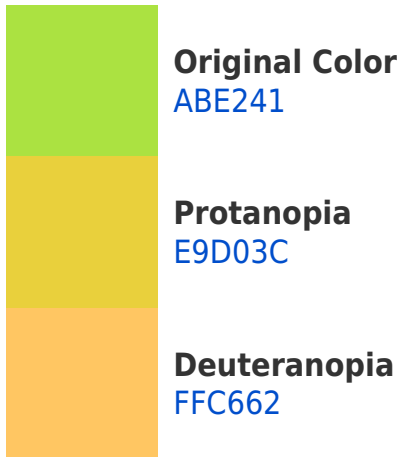


This preview shows how white text looks on a background with the Hex color ABE241.

# 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](#).

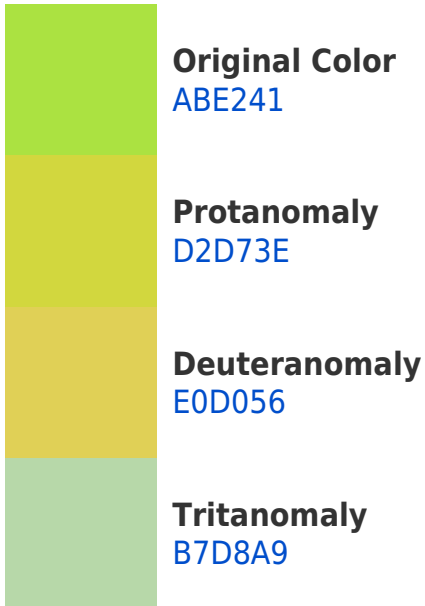
## Dichromacy



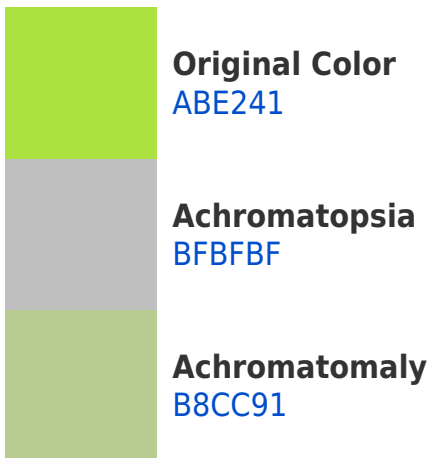


**Tritanopia**  
BED3E4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ABE241 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 #ABE241 looks like.

```
.text, #text, p{  
    color:#ABE241  
}
```

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 #ABE241 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ABE241
}
```

## Border

The CSS property to change the border of an element to Hex ABE241 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
#ABE241 }
```

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

```
.border{ border-color:#ABE241 }
```

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

Here you see how a box with a 4 pixel #ABE241 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ABE241; -webkit-box-shadow:4px 4px  
4px 4px #ABE241; box-shadow:4px 4px 4px  
4px #ABE241 }
```

# Background

The CSS property to change the background color of an element to Hex ABE241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ABE241 }
```

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

```
.background{ background-color:#ABE241 }
```

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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