

# Converting Colors

Hex(ABE361)

Have a look what the booklet for  
Hex(ABE361) contains.

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# **Color**

**Hex(ABE361)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	ABE361
RGB	171, 227, 97
RGB Percent	67%, 89%, 38%
CMY	0.3294, 0.1098, 0.6196
CMYK	0.25, 0.00, 0.57, 0.11
HSL	86°, 70%, 64%
HSV	86°, 57%, 89%
XYZ	46.4213, 64.4592, 21.3045
YIQ	195.4360, 8.3540, -52.3020

# Conversions

## Conversions Part 2

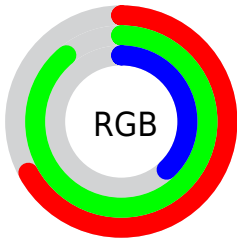
Format	Color
<b>RYB</b>	97, 227, 153
Decimal	11264865
CIELab	84.20, -38.16, 56.66
CIELCh	84, 68.307, 123.959
Yxy	64.4592, 0.3512, 0.4876
Android (android.graphics.Color)	4289454945 (0xFFABE361)
YUV	195.4360, -48.5289, -21.4304
Hunter-Lab	80.2865, -37.2933, 40.4676

# Details

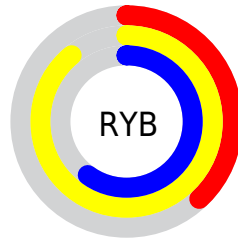
The Hex color **ABE361** is a light color, and the websafe version is hex **99CC33**. A complement of this color would be **9961E3**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **E5FF97**, and **73AB2A** is the 20% darker color. If you saturate the color by 10%, you get **A1E34A**, and if you desaturate by 10%, it is **B5E378**.

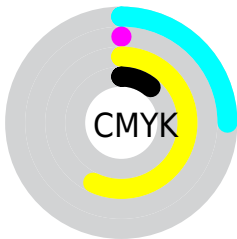
# Distribution



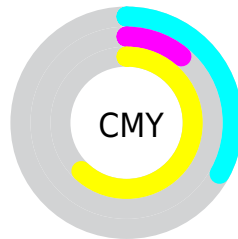
- Red (67%)
- Green (89%)
- Blue (38%)



- Red (38%)
- Yellow (89%)
- Blue (60%)



- Cyan (25%)
- Magenta (0%)
- Yellow (57%)
- Black (11%)



- Cyan (33%)
- Magenta (11%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ABE361 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 ABE361 by changing the saturation by 10% instead.



 ABE361

 ABE361

FFFFFF

 8FC746

 E5FF97

 73AB2A

 FFFFB3

 589103

 FFFF00

 3C7700

 FFFF00

 205D00

 004500

 002E00

 001700

 000000

 ABE361

 ABE361

 A1E34A

 B5E378

 97E334

 BFE38E

 8EE31D

 C8E3A5

 84E306

 D2E3BC

 81E300

 DCE3D3

 E6E3E9

 EFE3FF

 F9E3FF

 FFE3FF

# Harmonies

## Analogous

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



EED249



ABE361



48ED97

# Triad

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



ABE361



00E8FF



FF98CC

# Complementary

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



ABE361



9961E3

# 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.



FFA4FF



ABE361



5ED6FF

# Square

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



ABE361



00F0FF



E0BEFF



FFA28E

# Rectangle

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



ABE361



00F1C2



E0BEFF



FF9AE2



# Sweetspot

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



ABE361



ECFFD4



E39761



758066



000000



808080



# Same Dimension

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



ABE361



B3FF4F



6CE361



6E7367



66B300



1D3300



# Inverse Universe

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



9961E3



9B4FFF



D861E3



6C6773



4D00B3



160033



# Previews

## White Background



This preview shows how the Hex color ABE361 looks on a white background.

## Color Contrast Check

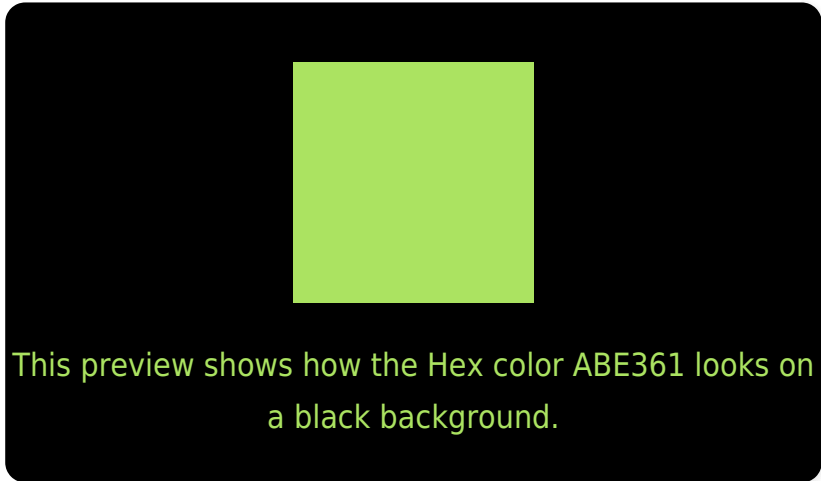
Large Text (above 18pt) WCAG AA × Fail

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 ABE361 Background



This preview shows how black text looks on a background with the Hex color ABE361.

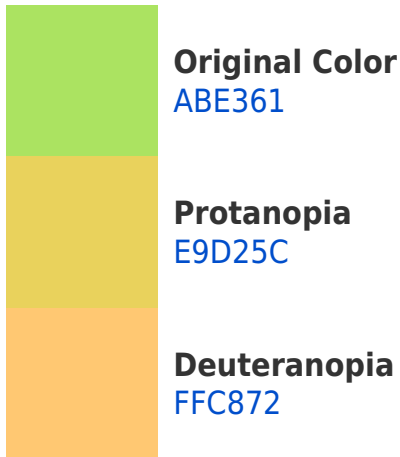


This preview shows how white text looks on a background with the Hex color ABE361.

# 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](#).

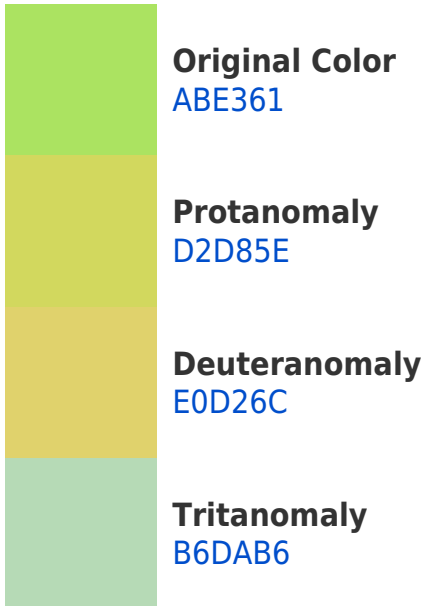
## Dichromacy



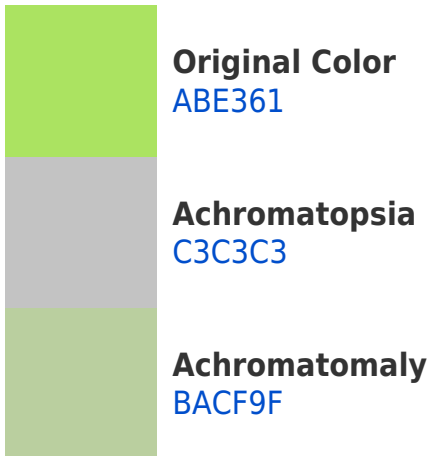


**Tritanopia**  
BDD5E6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ABE361 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 #ABE361 looks like.

```
.text, #text, p{  
    color:#ABE361  
}
```

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 #ABE361 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ABE361
}
```

## Border

The CSS property to change the border of an element to Hex ABE361 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
#ABE361 }
```

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

```
.border{ border-color:#ABE361 }
```

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

Here you see how a box with a 4 pixel #ABE361 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ABE361; -webkit-box-shadow:4px 4px  
4px 4px #ABE361; box-shadow:4px 4px 4px  
4px #ABE361 }
```

# Background

The CSS property to change the background color of an element to Hex ABE361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ABE361 }
```

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

```
.background{ background-color:#ABE361 }
```

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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