

Converting Colors

Hex(ABDE78)

Have a look what the booklet for
Hex(ABDE78) contains.

Hex(ABDE78)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(ABDE78)

Conversions

Conversions Part 1

Format	Color
Hex	ABDE78
RGB	171, 222, 120
RGB Percent	67%, 87%, 47%
CMY	0.3294, 0.1294, 0.5294
CMYK	0.23, 0.00, 0.46, 0.13
HSL	90°, 61%, 67%
HSV	90°, 46%, 87%
XYZ	46.3060, 62.2565, 27.3454
YIQ	195.1230, 2.3460, -42.5340

Conversions

Conversions Part 2

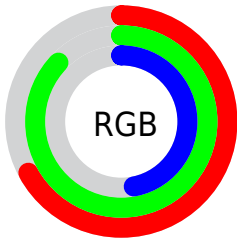
Format	Color
RYB	120, 222, 171
Decimal	11263608
CIELab	83.05, -33.51, 44.59
CIElCh	83, 55.777, 126.922
Yxy	62.2565, 0.3407, 0.4581
Android (android.graphics.Color)	4289453688 (0xFFABDE78)
YUV	195.1230, -37.0356, -21.1559
Hunter-Lab	78.9028, -33.3229, 34.6838

Details

The Hex color **ABDE78** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **AB78DE**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **E4FFAE**, and **74A745** is the 20% darker color. If you saturate the color by 10%, you get **A0DE62**, and if you desaturate by 10%, it is **B6DE8E**.

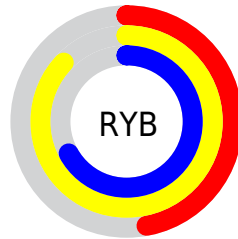
Distribution



Red (67%)

Green (87%)

Blue (47%)



Red (47%)

Yellow (87%)

Blue (67%)

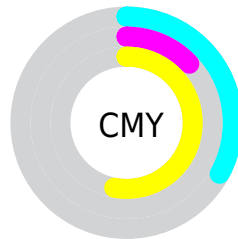


Cyan (23%)

Magenta (0%)

Yellow (46%)

Black (13%)



Cyan (33%)

Magenta (13%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color ABDE78 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 ABDE78 by changing the saturation by 10% instead.

 ABDE78

FFFFFF

 E4FFAE

 FFFFC A

 FFFF E6

 ABDE78

 8FC25E

 74A745

 5A8C2B

 40720F

 255900

 064100

 002B00

 001300

 000000

 ABDE78

 ABDE78

 A0DE62

 B6DE8E

 95DE4C

 C1DEA4

 8ADE35

 CCDEBB

 7FDE1F

 D7DED1

 73DE09

 E3DEE7

 6FDE00

 EEDEFD

 F9DEFF

 FFDEFF

Harmonies

Analogous

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



E3D063



ABDE78



63E7A4

Triad

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



ABDE78



00DFFF



FFA3C5

Complementary

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



ABDE78



AB78DE

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.



FFAAF9



ABDE78



8DD0FF

Square

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



ABDE78



00E8FF



E3BCFF



FFAC92

Rectangle

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



ABDE78



00E9C7



E3BCFF



FFA4D6

Sweetspot

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



ABDE78



EDFFDB



DEAB78



75806A



000000



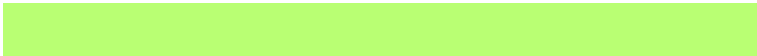
808080

Same Dimension

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



ABDE78



B9FF73



78DE78



6B7065



58B000



183000

Inverse Universe

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



AB78DE



B973FF



DE78DE



6B6570



5800B0



180030

Previews

White Background



This preview shows how the Hex color ABDE78 looks on a white background.

Color Contrast Check

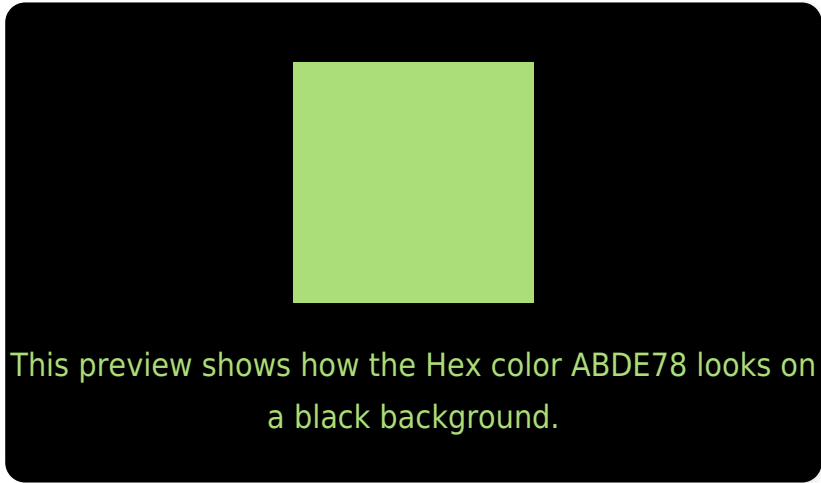
Large Text (above 18pt) WCAG AA × Fail

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 ABDE78 Background



This preview shows how black text looks on a background with the Hex color ABDE78.

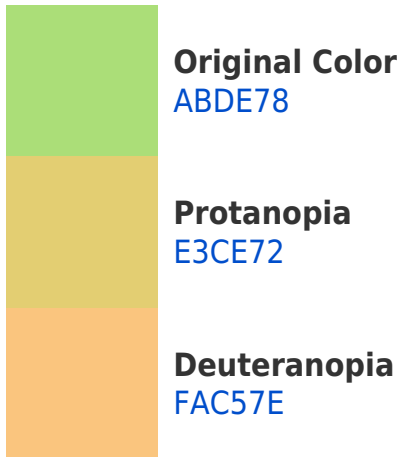


This preview shows how white text looks on a background with the Hex color ABDE78.

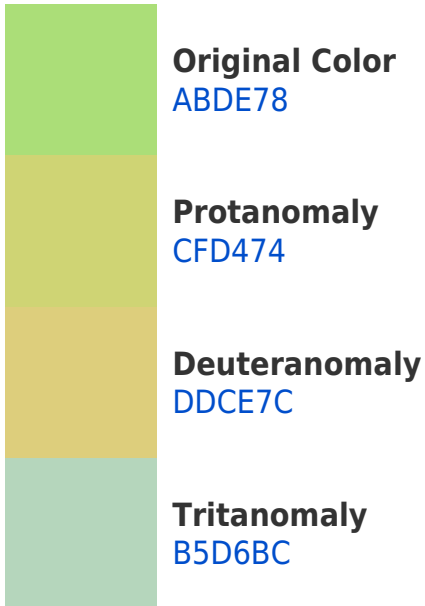
Color Blindness Simulation

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](#).

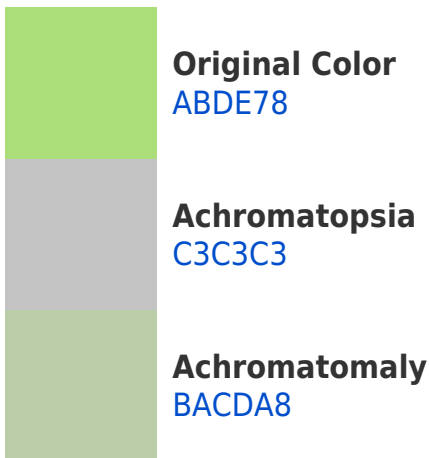
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex ABDE78 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 #ABDE78 looks like.

```
.text, #text, p{  
    color:#ABDE78  
}
```

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 #ABDE78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ABDE78
}
```

Border

The CSS property to change the border of an element to Hex ABDE78 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
#ABDE78 }
```

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

```
.border{ border-color:#ABDE78 }
```

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

Here you see how a box with a 4 pixel #ABDE78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ABDE78; -webkit-box-shadow:4px 4px  
4px 4px #ABDE78; box-shadow:4px 4px 4px  
4px #ABDE78 }
```

Background

The CSS property to change the background color of an element to Hex ABDE78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ABDE78 }
```

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

```
.background{ background-color:#ABDE78 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor