

Converting Colors

Hex(ACE378)

Have a look what the booklet for
Hex(ACE378) contains.

Hex(ACE378)	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(ACE378)

Conversions

Conversions Part 1

Format	Color
Hex	ACE378
RGB	172, 227, 120
RGB Percent	67%, 89%, 47%
CMY	0.3255, 0.1098, 0.5294
CMYK	0.24, 0.00, 0.47, 0.11
HSL	91°, 66%, 68%
HSV	91°, 47%, 89%
XYZ	47.8725, 65.0649, 27.8049
YIQ	198.3570, 1.5670, -44.9370

Conversions

Conversions Part 2

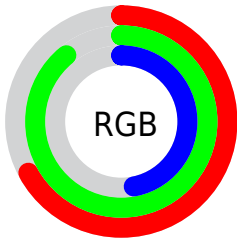
Format	Color
RYB	120, 227, 175
Decimal	11330424
CIELab	84.52, -35.44, 46.42
CIELCh	85, 58.403, 127.365
Yxy	65.0649, 0.3401, 0.4623
Android (android.graphics.Color)	4289520504 (0xFFACE378)
YUV	198.3570, -38.6300, -23.1151
Hunter-Lab	80.6628, -35.2221, 36.0264

Details

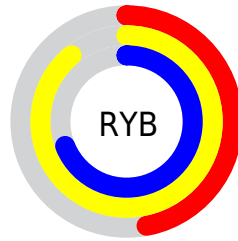
The Hex color **ACE378** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **AF78E3**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **E5FFAE**, and **75AB44** is the 20% darker color. If you saturate the color by 10%, you get **A0E361**, and if you desaturate by 10%, it is **B8E38F**.

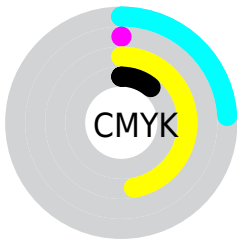
Distribution



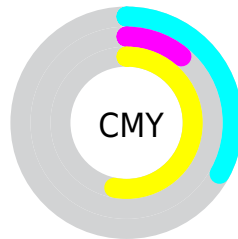
- Red (67%)
- Green (89%)
- Blue (47%)



- Red (47%)
- Yellow (89%)
- Blue (69%)



- Cyan (24%)
- Magenta (0%)
- Yellow (47%)
- Black (11%)



- Cyan (33%)
- Magenta (11%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color ACE378 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 ACE378 by changing the saturation by 10% instead.

 ACE378

FFFFFF

 E5FFAE

 FFFFCA

 FFFFE7

 ACE378

 90C75E

 75AB44

 5A912A

 40770C

 245D00

 034500

 002E00

 001800

 000000

 ACE378

 ACE378

 A0E361

 B8E38F

 95E34B

 C3E3A5

 89E334

 CFE3BC

 7DE31D

 DBE3D3

 72E306

 E6E3E9

 6EE300

 F2E3FF

 FEE3FF

 FFE3FF

Harmonies

Analogous

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



E7D462



ACE378



5EECA7

Triad

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



ACE378



00E4FF



FFA4C7

Complementary

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



ACE378



AF78E3

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.



FFACFF



ACE378



8ED4FF

Square

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



ACE378



00EDFF



E9BFFF



FFAE93

Rectangle

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



ACE378



00EFCC



E9BFFF



FFA5DA

Sweetspot

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



ACE378



EDFFDB



E3AE78



74806A



000000



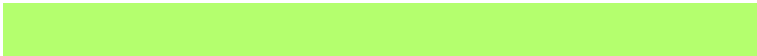
808080

Same Dimension

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



ACE378



B4FF6E



78E378



6D7367



57B300



193300

Inverse Universe

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



AF78E3



B86EFF



E378E3



6D6773



5C00B3



1A0033

Previews

White Background



This preview shows how the Hex color ACE378 looks on a white background.

Color Contrast Check

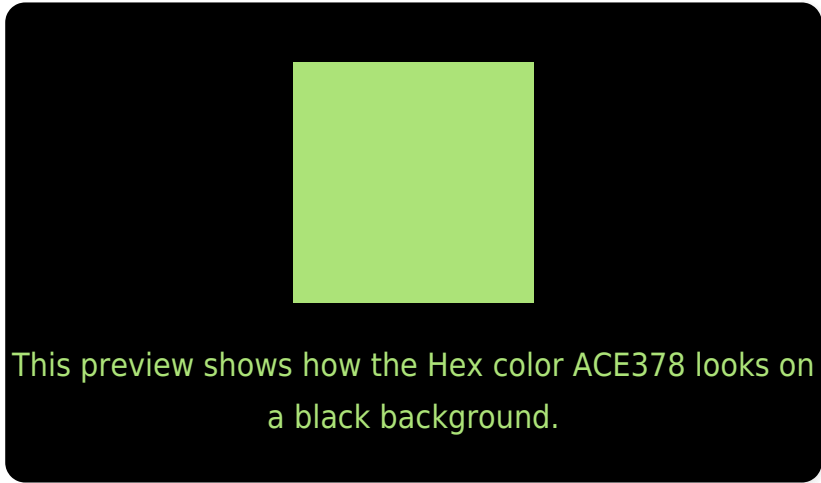
Large Text (above 18pt) WCAG AA × Fail

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

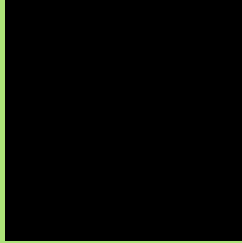
Any Text WCAG AA ✓ Pass

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 ACE378 Background



This preview shows how black text looks on a background with the Hex color ACE378.

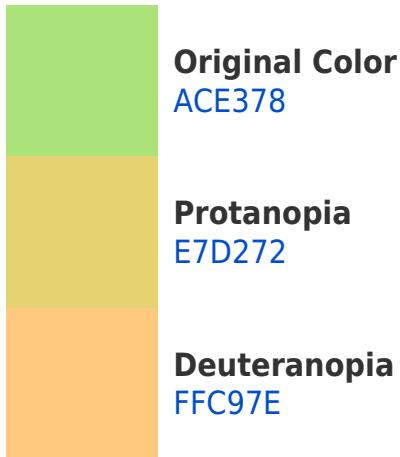


This preview shows how white text looks on a background with the Hex color ACE378.

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](#).

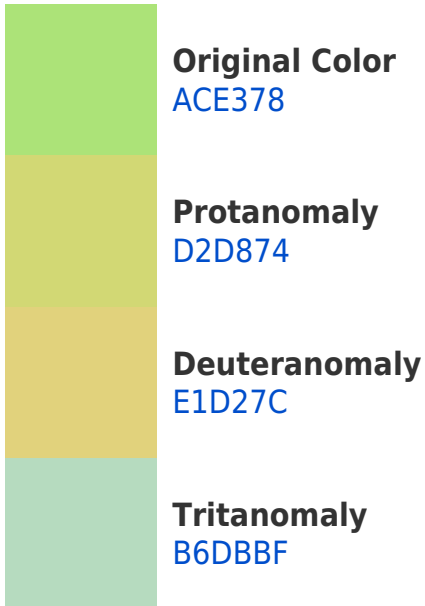
Dichromacy



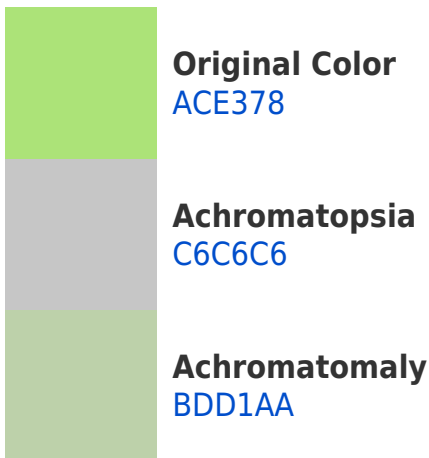


Tritanopia
BCD6E8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex ACE378 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 #ACE378 looks like.

```
.text, #text, p{  
    color:#ACE378  
}
```

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 #ACE378 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACE378
}
```

Border

The CSS property to change the border of an element to Hex ACE378 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
#ACE378 }
```

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

```
.border{ border-color:#ACE378 }
```

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

Here you see how a box with a 4 pixel #ACE378 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACE378; -webkit-box-shadow:4px 4px  
4px 4px #ACE378; box-shadow:4px 4px 4px  
4px #ACE378 }
```

Background

The CSS property to change the background color of an element to Hex ACE378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACE378 }
```

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

```
.background{ background-color:#ACE378 }
```

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