

Converting Colors

Hex(ACC678)

Have a look what the booklet for
Hex(ACC678) contains.

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Color

Hex(ACC678)

Conversions

Conversions Part 1

Format	Color
Hex	ACC678
RGB	172, 198, 120
RGB Percent	67%, 78%, 47%
CMY	0.3255, 0.2235, 0.5294
CMYK	0.13, 0.00, 0.39, 0.22
HSL	80°, 41%, 62%
HSV	80°, 39%, 78%
XYZ	40.5975, 50.5149, 25.3799
YIQ	181.3340, 9.5420, -29.7700

Conversions

Conversions Part 2

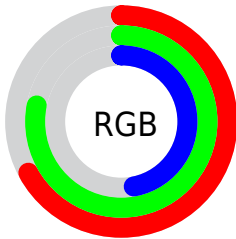
Format	Color
RYB	120, 198, 146
Decimal	11323000
CIELab	76.38, -21.66, 36.20
CIELCh	76, 42.182, 120.892
Yxy	50.5149, 0.3485, 0.4336
Android (android.graphics.Color)	4289513080 (0xFFACC678)
YUV	181.3340, -30.2377, -8.1859
Hunter-Lab	71.0738, -22.4197, 28.5797

Details

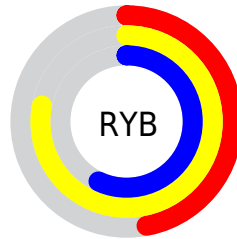
The Hex color **ACC678** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **9278C6**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **E4FFAD**, and **769046** is the 20% darker color. If you saturate the color by 10%, you get **A5C664**, and if you desaturate by 10%, it is **B3C68C**.

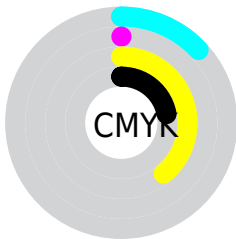
Distribution



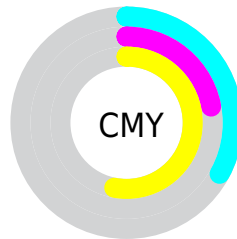
- Red (67%)
- Green (78%)
- Blue (47%)



- Red (47%)
- Yellow (78%)
- Blue (57%)



- Cyan (13%)
- Magenta (0%)
- Yellow (39%)
- Black (22%)



- Cyan (33%)
- Magenta (22%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color ACC678 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 ACC678 by changing the saturation by 10% instead.

 ACC678

 ACC678

FFFFFF

 91AB5F

 E4FFAD

 769046

 FFFFC9

 5D762E

 FFFF E5

 445E15

 2C4600

 142F00

 001C00

 000000

 ACC678

 ACC678

 A5C664

 B3C68C

 9FC650

 B9C6A0

 98C63D

 C0C6B3

 92C629

 C6C6C7

 8BC615

 CDC6DB

 84C601

 D4C6EF

 84C600

 DAC6FF

 E1C6FF

 E7C6FF

Harmonies

Analogous

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



D5BA6E



ACC678



7DCE95

Triad

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



ACC678



38CAFF



FF9EBD

Complementary

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



ACC678



9278C6

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.



EEA4E3



ACC678



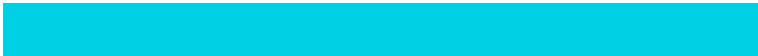
84C0FF

Square

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



ACC678



00D0E3



C2B2FF



FFA196

Rectangle

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



ACC678



59D0AF



C2B2FF



FF9FCA

Sweetspot

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



ACC678



F5FFE0



C69278



7A806E



000000



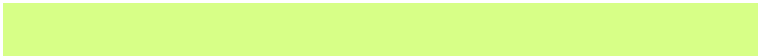
808080

Same Dimension

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



ACC678



D7FF87



85C678



60635A



6DA300



182400

Inverse Universe

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



9278C6



AF87FF



B978C6



5D5A63



3600A3



0C0024

Previews

White Background



This preview shows how the Hex color ACC678 looks on a white background.

Color Contrast Check

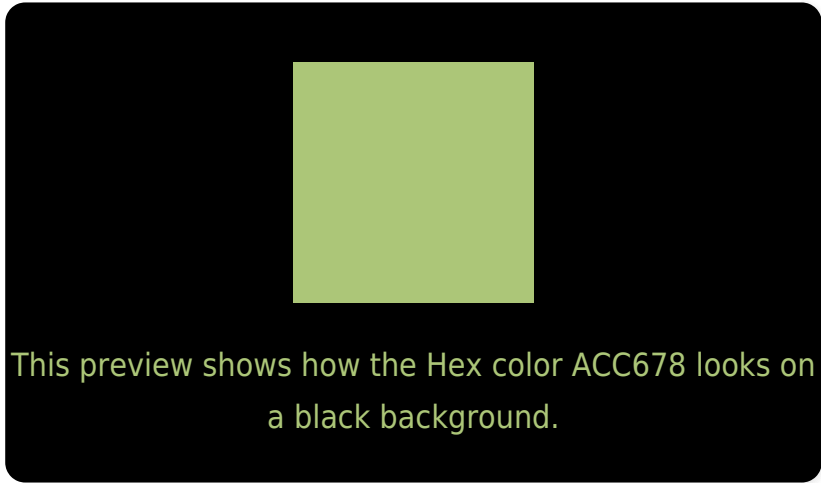
Large Text (above 18pt) WCAG AA × Fail

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

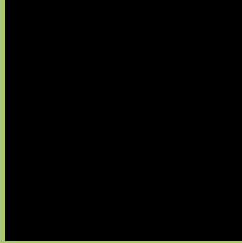
Any Text WCAG AA ✓ Pass

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 ACC678 Background



This preview shows how black text looks on a background with the Hex color ACC678.

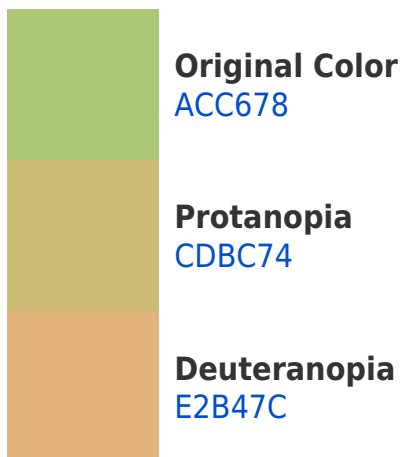


This preview shows how white text looks on a background with the Hex color ACC678.

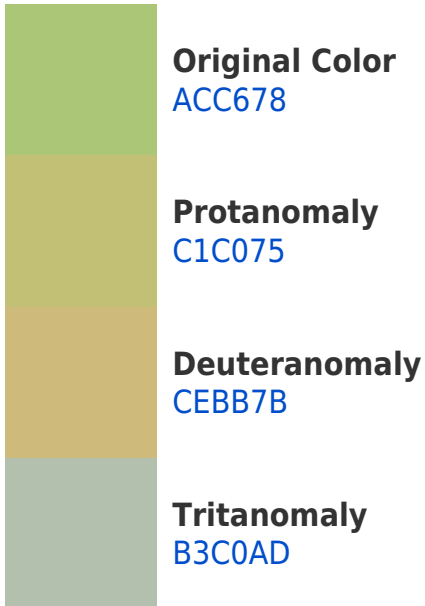
Color Blindness Simulation

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 ACC678 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 #ACC678 looks like.

```
.text, #text, p{  
    color:#ACC678  
}
```

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 #ACC678 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACC678 }  
}
```

Border

The CSS property to change the border of an element to Hex ACC678 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 #ACC678 }  
}
```

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

```
.border{ border-color:#ACC678 }
```

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

Here you see how a box with a 4 pixel #ACC678 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACC678; -webkit-box-shadow:4px 4px  
4px 4px #ACC678; box-shadow:4px 4px 4px  
4px #ACC678 }
```

Background

The CSS property to change the background color of an element to Hex ACC678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACC678 }
```

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

```
.background{ background-color:#ACC678 }
```

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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