

Converting Colors

Hex(ACF58E)

Have a look what the booklet for
Hex(ACF58E) contains.

Hex(ACF58E)	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(ACF58E)

Conversions

Conversions Part 1

Format	Color
Hex	ACF58E
RGB	172, 245, 142
RGB Percent	67%, 96%, 56%
CMY	0.3255, 0.0392, 0.4431
CMYK	0.30, 0.00, 0.42, 0.04
HSL	103°, 84%, 76%
HSV	103°, 42%, 96%
XYZ	54.5482, 76.0285, 37.3912
YIQ	211.4310, -10.4450, -47.5090

Conversions

Conversions Part 2

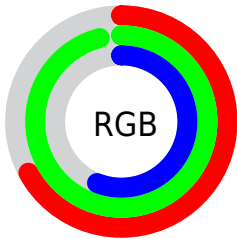
Format	Color
RYB	142, 245, 215
Decimal	11335054
CIELab	89.87, -40.83, 42.48
CIELCh	90, 58.927, 133.866
Yxy	76.0285, 0.3248, 0.4526
Android (android.graphics.Color)	4289525134 (0xFFACF58E)
YUV	211.4310, -34.2295, -34.5810
Hunter-Lab	87.1943, -40.9217, 35.6109

Details

The Hex color **ACF58E** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **D78EF5**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **E5FFC5**, and **75BC5A** is the 20% darker color. If you saturate the color by 10%, you get **9BF576**, and if you desaturate by 10%, it is **BDF5A7**.

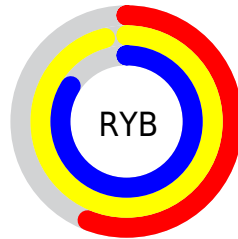
Distribution



Red (67%)

Green (96%)

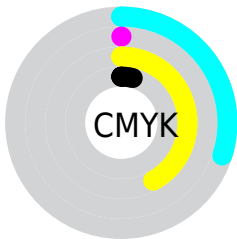
Blue (56%)



Red (56%)

Yellow (96%)

Blue (84%)

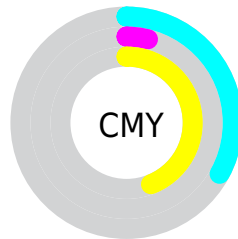


Cyan (30%)

Magenta (0%)

Yellow (42%)

Black (4%)



Cyan (33%)

Magenta (4%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color ACF58E 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 ACF58E by changing the saturation by 10% instead.

 ACF58E

 ACF58E

FFFFFF

 90D874

 E5FFC5

 75BC5A

 FFFFE1

 59A140

FFFFFFE

 3E8627

 206D0A

 005400

 003C00

 002700

 000000

 ACF58E

 ACF58E

 9BF576

 BDF5A7

 89F55D

 CFF5BF

 78F545

 E0F5D8

 67F52C

 F1F5F0

 55F514

 FFF5FF

 47F500

Harmonies

Analogous

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



EBE771



ACF58E



56FDC1

Triad

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



ACF58E



06F1FF



FFB4CA

Complementary

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



ACF58E



D78EF5

Split Complementary

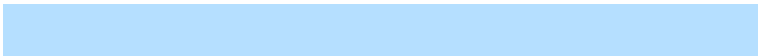
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFB7FF



ACF58E



B5DFFF

Square

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



ACF58E



00FBFF



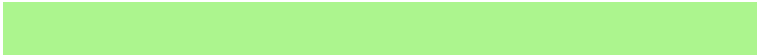
FFC9FF



FFC096

Rectangle

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



ACF58E



00FFE8



FFC9FF



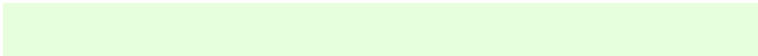
FFB3DD

Sweetspot

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



ACF58E



E8FFDE



F5D68E



71806B



000000



808080

Same Dimension

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



ACF58E



A5FF80



8EF5A3



727A6E



36BA00



113B00

Inverse Universe

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



D78EF5



DA80FF



F58EE0



776E7A



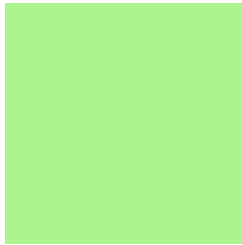
8400BA



2A003B

Previews

White Background



This preview shows how the Hex color ACF58E looks on a white background.

Color Contrast Check

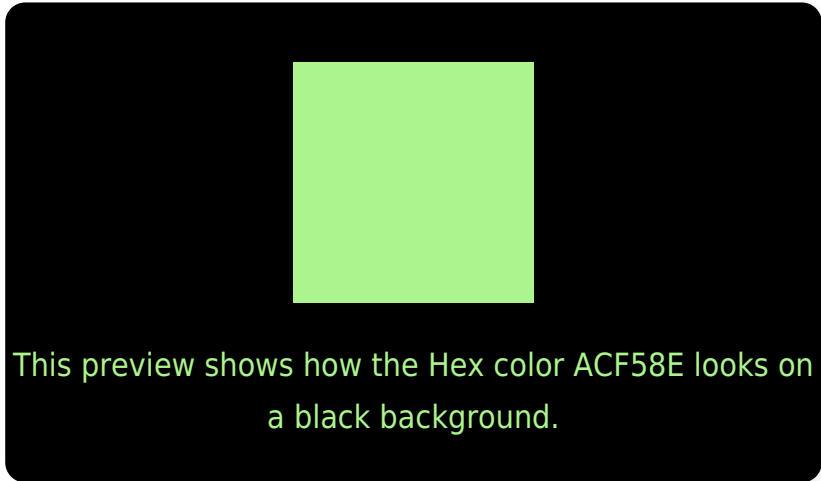
Large Text (above 18pt) WCAG AA × Fail

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

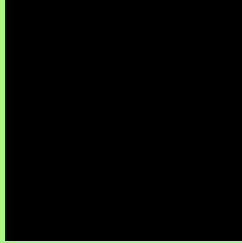
Any Text WCAG AA ✓ Pass

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 ACF58E Background



This preview shows how black text looks on a background with the Hex color ACF58E.

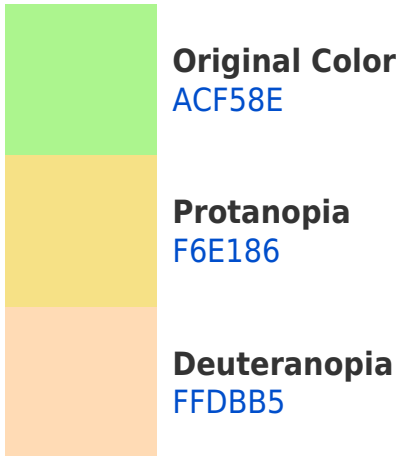


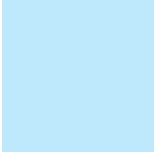
This preview shows how white text looks on a background with the Hex color ACF58E.

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
BEE8FB

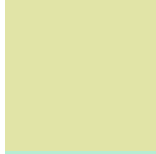
Trichromacy



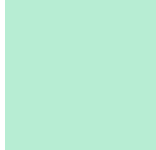
Original Color
ACF58E



Protanomaly
DBE889



Deuteranomaly
E1E4A7

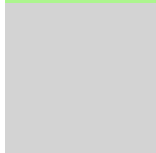


Tritanomaly
B7EDD3

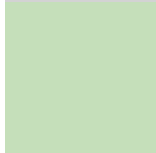
Monochromacy



Original Color
ACF58E



Achromatopsia
D3D3D3



Achromatomaly
C5DFBA

CSS Examples

Text

The CSS property to change the color of the text to Hex ACF58E 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 #ACF58E looks like.

```
.text, #text, p{  
    color:#ACF58E  
}
```

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 #ACF58E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACF58E
}
```

Border

The CSS property to change the border of an element to Hex ACF58E 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
#ACF58E }
```

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

```
.border{ border-color:#ACF58E }
```

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

Here you see how a box with a 4 pixel #ACF58E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACF58E; -webkit-box-shadow:4px 4px  
4px 4px #ACF58E; box-shadow:4px 4px 4px  
4px #ACF58E }
```

Background

The CSS property to change the background color of an element to Hex ACF58E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACF58E }
```

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

```
.background{ background-color:#ACF58E }
```

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