

Converting Colors

Hex(ACE580)

Have a look what the booklet for
Hex(ACE580) contains.

Hex(ACE580)	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(ACE580)

Conversions

Conversions Part 1

Format	Color
Hex	ACE580
RGB	172, 229, 128
RGB Percent	67%, 90%, 50%
CMY	0.3255, 0.1020, 0.4980
CMYK	0.25, 0.00, 0.44, 0.10
HSL	94°, 66%, 70%
HSV	94°, 44%, 90%
XYZ	48.9289, 66.3678, 30.6535
YIQ	200.4430, -1.5510, -43.4950

Conversions

Conversions Part 2

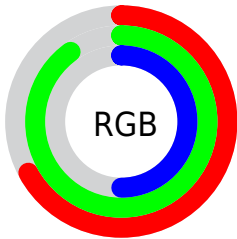
Format	Color
RYB	128, 229, 185
Decimal	11330944
CIELab	85.18, -35.41, 43.37
CIELCh	85, 55.994, 129.229
Yxy	66.3678, 0.3352, 0.4547
Android (android.graphics.Color)	4289521024 (0xFFACE580)
YUV	200.4430, -35.7144, -24.9445
Hunter-Lab	81.4664, -35.3589, 34.7173

Details

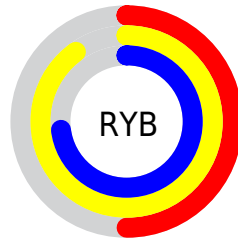
The Hex color **ACE580** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **B980E5**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **E5FFB6**, and **75AD4C** is the 20% darker color. If you saturate the color by 10%, you get **9FE569**, and if you desaturate by 10%, it is **B9E597**.

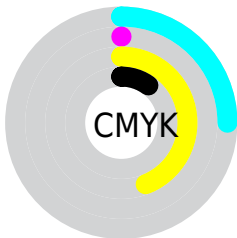
Distribution



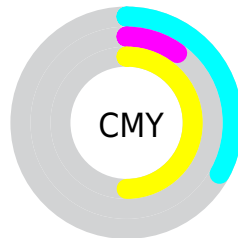
- Red (67%)
- Green (90%)
- Blue (50%)



- Red (50%)
- Yellow (90%)
- Blue (73%)



- Cyan (25%)
- Magenta (0%)
- Yellow (44%)
- Black (10%)



- Cyan (33%)
- Magenta (10%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color ACE580 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 ACE580 by changing the saturation by 10% instead.

 ACE580

 ACE580

FFFFFF

 90C966

 E5FFB6

 75AD4C

 FFFFD2

 5B9233

 FFFFEE

 407819

 255F00

 064700

 003000

 001B00

 000000

 ACE580

 ACE580

 9FE569

 B9E597

 92E552

 C6E5AE

 85E53B

 D3E5C5

 78E524

 E0E5DC

 6BE50D

 EDE5F3

 64E500

 FAE5FF

 FFE5FF

Harmonies

Analogous

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



E5D769



ACE580



62EDAD

Triad

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



ACE580



00E4FF



FFA9C6

Complementary

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



ACE580



B980E5

Split Complementary

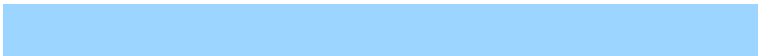
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFAFFC



ACE580



9CD5FF

Square

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



ACE580



00EDFF



EFC1FF



FFB294

Rectangle

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



ACE580



00F0D2



EFC1FF



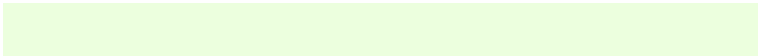
FFA9D8

Sweetspot

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



ACE580



ECFFDE



E5B880



74806B



000000



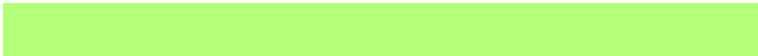
808080

Same Dimension

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



ACE580



B3FF78



80E585



6C7367



4EB300



163300

Inverse Universe

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



B980E5



C478FF



E580E0



6E6773



6500B3



1D0033

Previews

White Background



This preview shows how the Hex color ACE580 looks on a white background.

Color Contrast Check

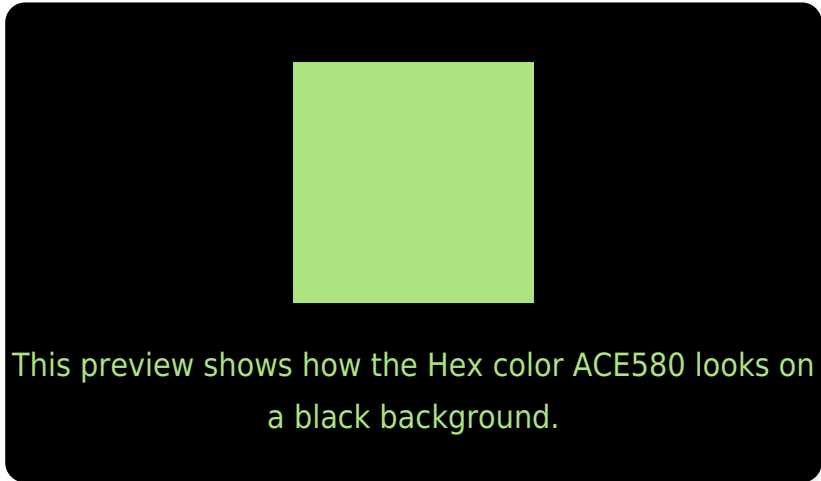
Large Text (above 18pt) WCAG AA × Fail

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

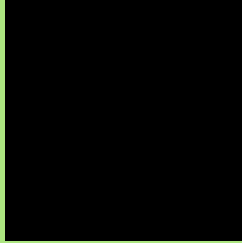
Any Text WCAG AA ✓ Pass

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 ACE580 Background



This preview shows how black text looks on a background with the Hex color ACE580.

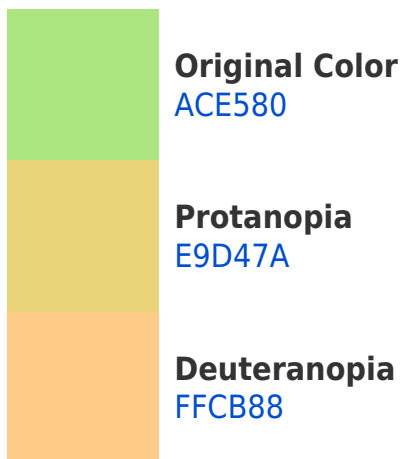


This preview shows how white text looks on a background with the Hex color ACE580.

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



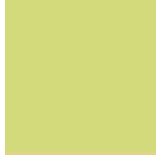


Tritanopia
BCD9EA

Trichromacy



Original Color
ACE580



Protanomaly
D3DA7C



Deuteranomaly
E1D485



Tritanomaly
B6DDC3

Monochromacy



Original Color
ACE580



Achromatopsia
C8C8C8



Achromatomaly
BED3AE

CSS Examples

Text

The CSS property to change the color of the text to Hex ACE580 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 #ACE580 looks like.

```
.text, #text, p{  
    color:#ACE580  
}
```

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 #ACE580 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACE580
}
```

Border

The CSS property to change the border of an element to Hex ACE580 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
#ACE580 }
```

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

```
.border{ border-color:#ACE580 }
```

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

Here you see how a box with a 4 pixel #ACE580 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACE580; -webkit-box-shadow:4px 4px  
4px 4px #ACE580; box-shadow:4px 4px 4px  
4px #ACE580 }
```

Background

The CSS property to change the background color of an element to Hex ACE580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACE580 }
```

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

```
.background{ background-color:#ACE580 }
```

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