

Converting Colors

Hex(ACC500)

Have a look what the booklet for
Hex(ACC500) contains.

Hex(ACC500)	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(ACC500)

Conversions

Conversions Part 1

Format	Color
Hex	ACC500
RGB	172, 197, 0
RGB Percent	67%, 77%, 0%
CMY	0.3255, 0.2275, 1.0000
CMYK	0.13, 0.00, 1.00, 0.23
HSL	68°, 100%, 39%
HSV	68°, 100%, 77%
XYZ	36.9795, 48.7032, 7.4516
YIQ	167.0670, 48.3370, -66.5670

Conversions

Conversions Part 2

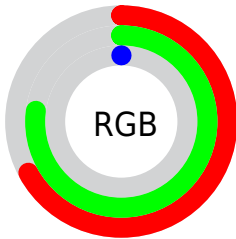
Format	Color
RYB	0, 197, 25
Decimal	11322624
CIELab	75.27, -28.37, 75.55
CIELCh	75, 80.701, 110.585
Yxy	48.7032, 0.3971, 0.5229
Android (android.graphics.Color)	4289512704 (0xFFACC500)
YUV	167.0670, -82.3640, 4.3262
Hunter-Lab	69.7876, -27.5437, 42.5206

Details

The Hex color **ACC500** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **1900C5**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **E7FE52**, and **738F00** is the 20% darker color. If you saturate the color by 10%, you get **ACC500**, and if you desaturate by 10%, it is **AFC514**.

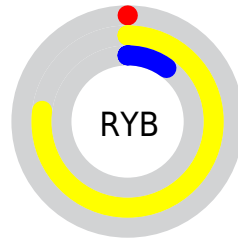
Distribution



Red (67%)

Green (77%)

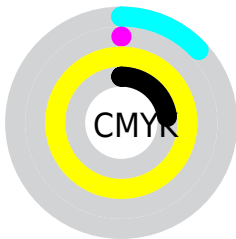
Blue (0%)



Red (0%)

Yellow (77%)

Blue (10%)

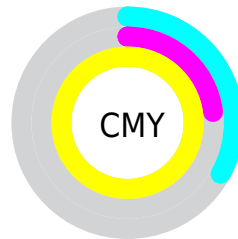


Cyan (13%)

Magenta (0%)

Yellow (100%)

Black (23%)



Cyan (33%)

Magenta (23%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color ACC500 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 ACC500 by changing the saturation by 10% instead.

 ACC500

 ACC500

FFFFFF

 8FAA00

 E7FE52

 738F00

 FFFF70

 577600

 FFFF8C

 3B5D00

 FFFFA9

 1E4500

 FFFFC6

 002E00

 FFFFE3

 001B00

 000000

 ACC500

 AFC514

 B1C527

 B4C53B

 B6C54F

 B9C563

 BBC576

 BEC58A

 C0C59E

 C3C5B1

Harmonies

Analogous

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



F1AE00



ACC500



48D354

Triad

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



ACC500



00D7FF



FF70D4

Complementary

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



ACC500



1900C5

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.



FB8DFF



ACC500



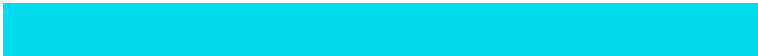
00C9FF

Square

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



ACC500



00DCEC



87B0FF



FF718A

Rectangle

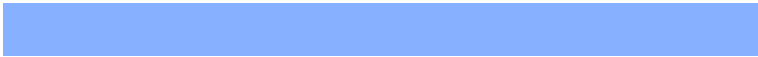
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



ACC500



00D985



87B0FF



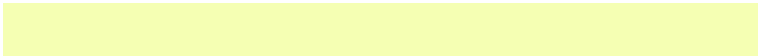
FF78ED

Sweetspot

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



ACC500



F5FFB3



C51700



7A8052



000000



808080

Same Dimension

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



ACC500



DFFF00



4CC500



62635A



8EA300



1F2400

Inverse Universe

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



1900C5



2000FF



7900C5



5B5A63



1500A3



050024

Previews

White Background



This preview shows how the Hex color ACC500 looks on a white background.

Color Contrast Check

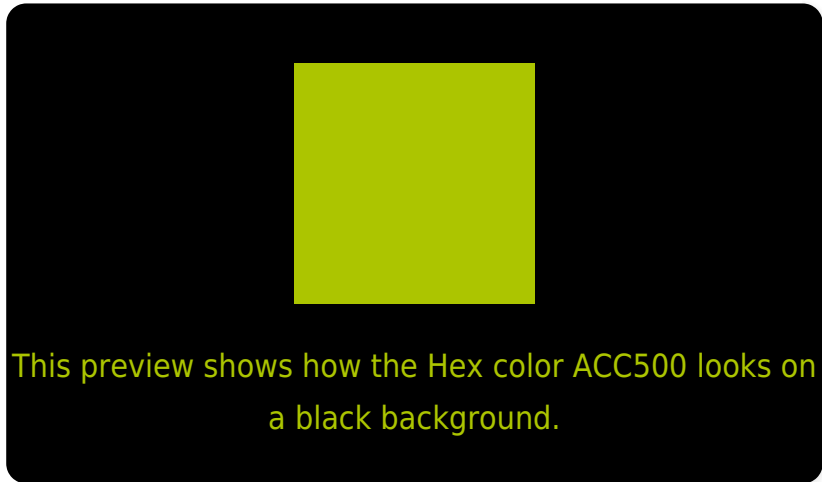
Large Text (above 18pt) WCAG AA × Fail

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 ACC500 Background



This preview shows how black text looks on a background with the Hex color ACC500.



This preview shows how white text looks on a background with the Hex color ACC500.

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



Original Color
ACC500

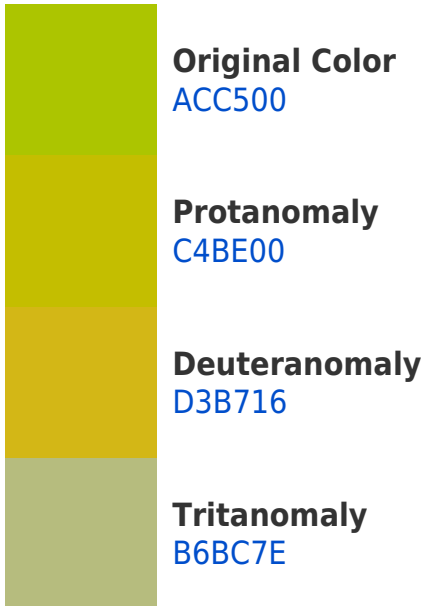
Protanopia
D1BA00

Deuteranopia
E9AF22

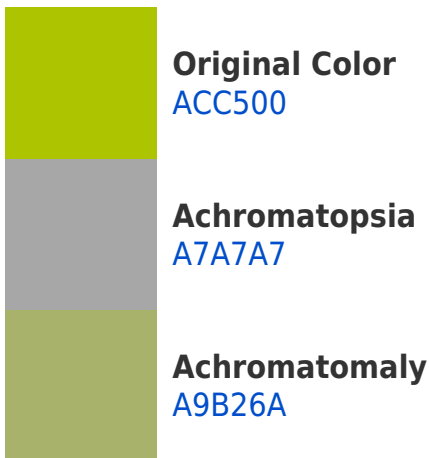


Tritanopia
BBB7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex ACC500 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 #ACC500 looks like.

```
.text, #text, p{  
    color:#ACC500  
}
```

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 #ACC500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACC500
}
```

Border

The CSS property to change the border of an element to Hex ACC500 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
#ACC500 }
```

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

```
.border{ border-color:#ACC500 }
```

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

Here you see how a box with a 4 pixel #ACC500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACC500; -webkit-box-shadow:4px 4px  
4px 4px #ACC500; box-shadow:4px 4px 4px  
4px #ACC500 }
```

Background

The CSS property to change the background color of an element to Hex ACC500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACC500 }
```

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

```
.background{ background-color:#ACC500 }
```

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