

Converting Colors

Hex(ABCC00)

Have a look what the booklet for
Hex(ABCC00) contains.

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Color

Hex(ABCC00)

Conversions

Conversions Part 1

Format	Color
Hex	ABCC00
RGB	171, 204, 0
RGB Percent	67%, 80%, 0%
CMY	0.3294, 0.2000, 1.0000
CMYK	0.16, 0.00, 1.00, 0.20
HSL	70°, 100%, 40%
HSV	70°, 100%, 80%
XYZ	38.3875, 51.8437, 7.9836
YIQ	170.8770, 45.8160, -70.4400

Conversions

Conversions Part 2

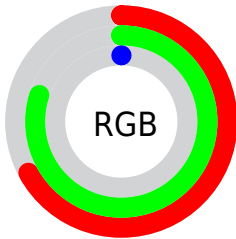
Format	Color
RYB	0, 204, 33
Decimal	11258880
CIELab	77.19, -32.08, 76.96
CIELCh	77, 83.376, 112.628
Yxy	51.8437, 0.3909, 0.5279
Android (android.graphics.Color)	4289448960 (0xFFABCC00)
YUV	170.8770, -84.2424, 0.1079
Hunter-Lab	72.0025, -30.8389, 43.8277

Details

The Hex color **ABCC00** 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 **2100CC**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **E6FF54**, and **719600** is the 20% darker color. If you saturate the color by 10%, you get **ABCC00**, and if you desaturate by 10%, it is **AECC14**.

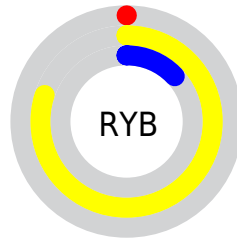
Distribution



Red (67%)

Green (80%)

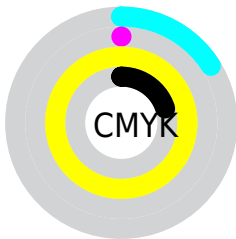
Blue (0%)



Red (0%)

Yellow (80%)

Blue (13%)

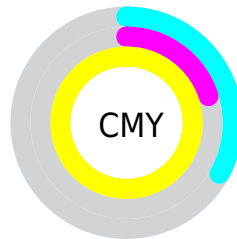


Cyan (16%)

Magenta (0%)

Yellow (100%)

Black (20%)



Cyan (33%)

Magenta (20%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color ABCC00 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 ABCC00 by changing the saturation by 10% instead.

 ABCC00

 ABCC00

FFFFFF

 8EB100

 E6FF54

 719600

 FFFF71

 557C00

 FFFF8E

 396300

 FFFFAB

 1B4B00

 FFFFC8

 003400

 FFFF E6

 002100

 000000

 ABCC00

 AECC14

 B2CC29

 B5CC3D

 B8CC52

 BBCC66

 BFCC7A

 C2CC8F

 C5CCA3

 C9CCB8

Harmonies

Analogous

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



F3B400



ABCC00



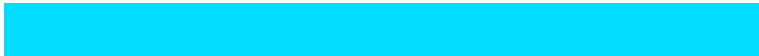
3ADA5A

Triad

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



ABCC00



00DDFF



FF71D5

Complementary

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



ABCC00



2100CC

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.



FF8EFF



ABCC00



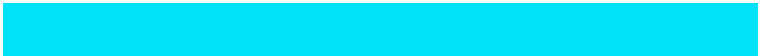
00CDFF

Square

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



ABCC00



00E2F8



96B2FF



FF7588

Rectangle

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



ABCC00



00DF8E



96B2FF



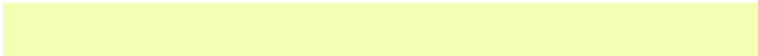
FF78EF

Sweetspot

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



ABCC00



F3FFB3



CC1F00



788052



000000



808080

Same Dimension

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



ABCC00



D6FF00



47CC00



64665C



8BA600



202600

Inverse Universe

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



2100CC



2900FF



8500CC



5D5C66



1B00A6



060026

Previews

White Background



This preview shows how the Hex color ABCC00 looks on a white background.

Color Contrast Check

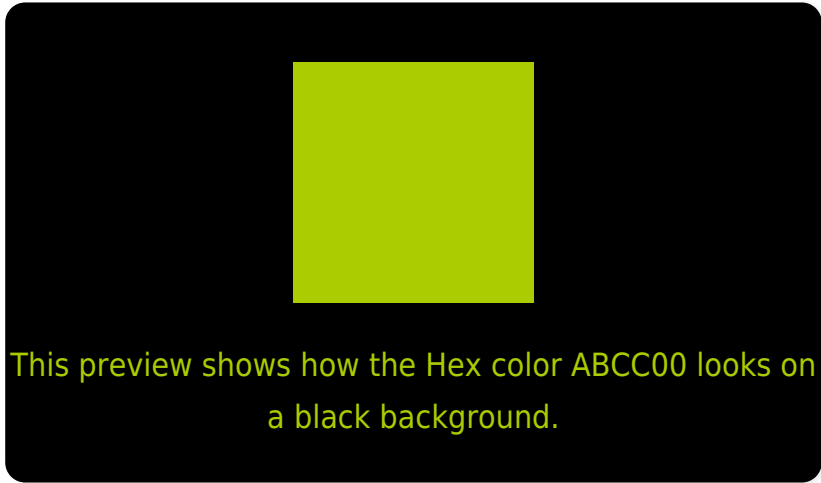
Large Text (above 18pt) WCAG AA × Fail

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 ABCC00 Background



This preview shows how black text looks on a background with the Hex color ABCC00.

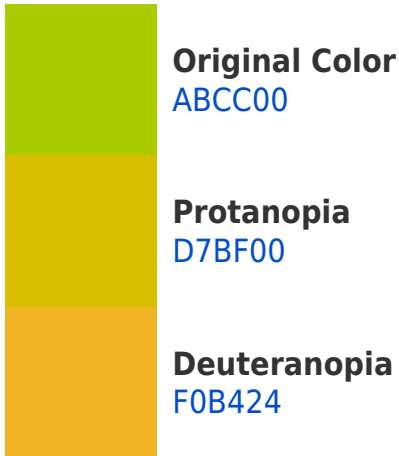


This preview shows how white text looks on a background with the Hex color ABCC00.

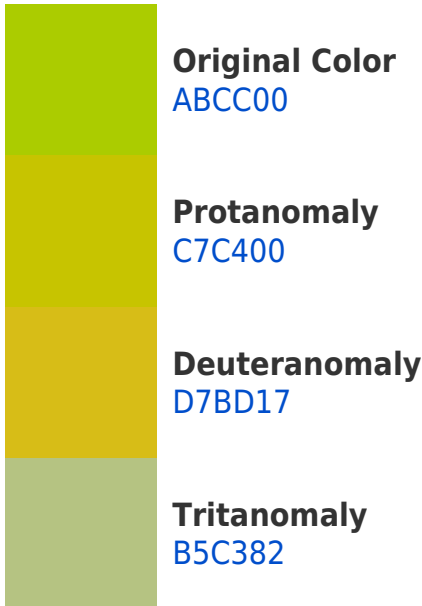
Color Blindness Simulation

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](#).

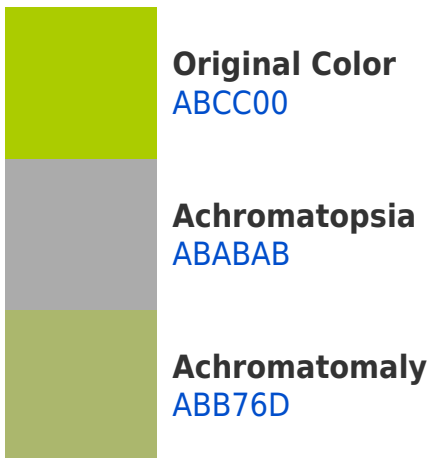
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex ABCC00 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 #ABCC00 looks like.

```
.text, #text, p{  
    color:#ABCC00  
}
```

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 #ABCC00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ABCC00  
}
```

Border

The CSS property to change the border of an element to Hex ABCC00 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  
#ABCC00 }
```

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

```
.border{ border-color:#ABCC00 }
```

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

Here you see how a box with a 4 pixel #ABCC00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ABCC00; -webkit-box-shadow:4px 4px  
4px 4px #ABCC00; box-shadow:4px 4px 4px  
4px #ABCC00 }
```

Background

The CSS property to change the background color of an element to Hex ABCC00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ABCC00 }
```

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

```
.background{ background-color:#ABCC00 }
```

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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