

# Converting Colors

Hex(ABC920)

Have a look what the booklet for  
Hex(ABC920) contains.

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**Color**

**Hex(ABC920)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ABC920
RGB	171, 201, 32
RGB Percent	67%, 79%, 13%
CMY	0.3294, 0.2118, 0.8745
CMYK	0.15, 0.00, 0.84, 0.21
HSL	71°, 73%, 46%
HSV	71°, 84%, 79%
XYZ	37.9419, 50.5355, 9.1211
YIQ	172.7640, 36.3690, -58.9190

# Conversions

## Conversions Part 2

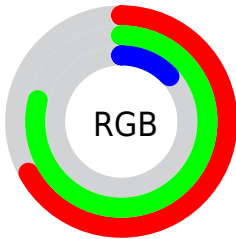
Format	Color
<b>RYB</b>	32, 201, 62
Decimal	11258144
CIELab	76.40, -30.11, 71.79
CIELCh	76, 77.852, 112.751
Yxy	50.5355, 0.3888, 0.5178
Android (android.graphics.Color)	4289448224 (0xFFABC920)
YUV	172.7640, -69.3967, -1.5470
Hunter-Lab	71.0883, -29.1338, 42.1546

# Details

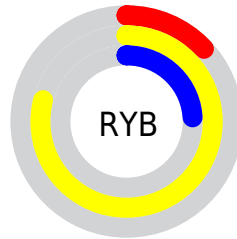
The Hex color **ABC920** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **3E20C9**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **E6FF5F**, and **729300** is the 20% darker color. If you saturate the color by 10%, you get **A7C90C**, and if you desaturate by 10%, it is **AFC934**.

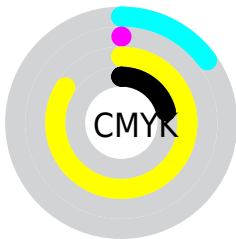
# Distribution



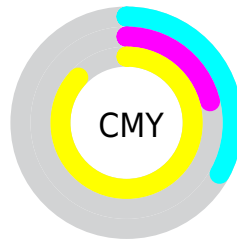
- Red (67%)
- Green (79%)
- Blue (13%)



- Red (13%)
- Yellow (79%)
- Blue (24%)



- Cyan (15%)
- Magenta (0%)
- Yellow (84%)
- Black (21%)



- Cyan (33%)
- Magenta (21%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ABC920 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 ABC920 by changing the saturation by 10% instead.



 ABC920

 ABC920

FFFFFF

 8EAE00

 E6FF5F

 729300

 FFFF7C

 567900

 FFFF98

 3B6000

 FFFFB5

 1D4800

 FFFFD2

 003100

 FFFFEE

 001E00

 000000

 ABC920

 ABC920

 A7C90C

 AFC934

 A5C900

 B2C948

 B6C95C

 B9C970

 BDC985

 C0C999

 C4C9AD

 C8C9C1

 CBC9D5

# Harmonies

## Analogous

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



EFB310



ABC920



48D660

# Triad

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



ABC920



00D8FF



FF77D1

# Complementary

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



ABC920



3E20C9

# 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.



FF90FF



ABC920



00CAFF

# Square

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



ABC920



00DEF2



9AB1FF



FF7A89

# Rectangle

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



ABC920



00DB8F



9AB1FF



FF7DE9



# Sweetspot

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



ABC920



F4FFBF



C93C20



798059



000000



808080



# Same Dimension

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



ABC920



D2FF00



58C920



62635A



86A300



1D2400



# Inverse Universe

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



3E20C9



2D00FF



9120C9



5B5A63



1D00A3



060024



# Previews

## White Background



This preview shows how the Hex color ABC920 looks on a white background.

## Color Contrast Check

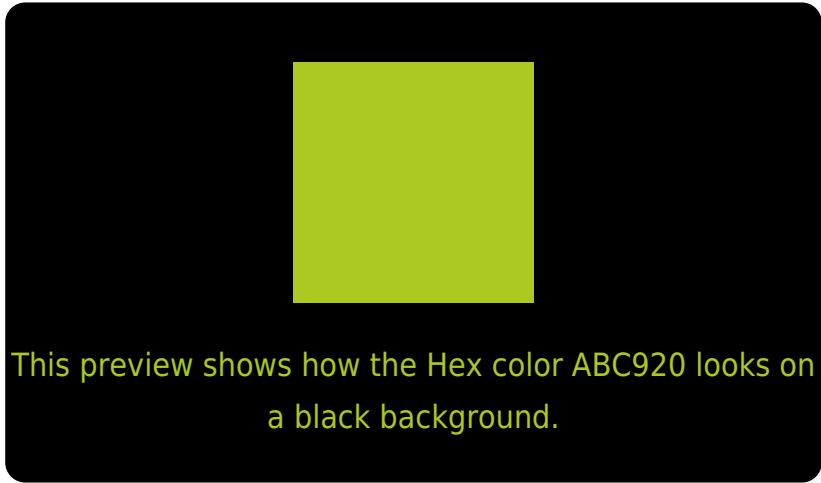
Large Text (above 18pt) WCAG AA × Fail

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 ABC920 Background



This preview shows how black text looks on a background with the Hex color ABC920.



This preview shows how white text looks on a background with the Hex color ABC920.

# 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



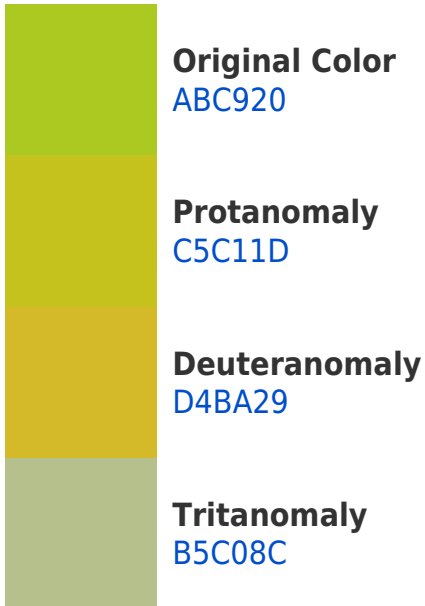
**Original Color**  
ABC920

**Protanopia**  
D4BC1C

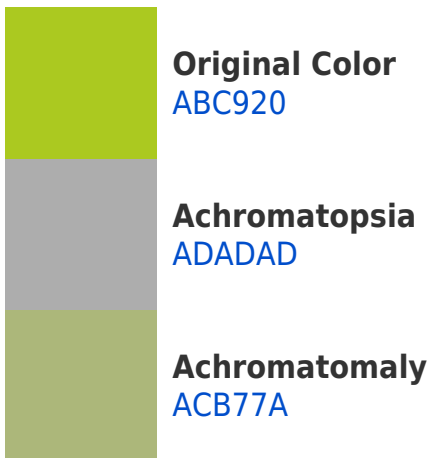
**Deuteranopia**  
ECB22E



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ABC920 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 #ABC920 looks like.

```
.text, #text, p{  
    color:#ABC920  
}
```

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 #ABC920 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ABC920
}
```

## Border

The CSS property to change the border of an element to Hex ABC920 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
#ABC920 }
```

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

```
.border{ border-color:#ABC920 }
```

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

Here you see how a box with a 4 pixel #ABC920 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ABC920; -webkit-box-shadow:4px 4px  
4px 4px #ABC920; box-shadow:4px 4px 4px  
4px #ABC920 }
```

# Background

The CSS property to change the background color of an element to Hex ABC920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ABC920 }
```

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

```
.background{ background-color:#ABC920 }
```

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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