

# Converting Colors

Hex(9ACC21)

Have a look what the booklet for  
Hex(9ACC21) contains.

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**Color**

**Hex(9ACC21)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9ACC21
RGB	154, 204, 33
RGB Percent	60%, 80%, 13%
CMY	0.3961, 0.2000, 0.8706
CMYK	0.25, 0.00, 0.84, 0.20
HSL	78°, 72%, 46%
HSV	78°, 84%, 80%
XYZ	35.1938, 50.1656, 9.2669
YIQ	169.5560, 25.0910, -63.7810

# Conversions

## Conversions Part 2

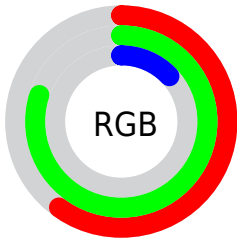
Format	Color
<a href="#">RYB</a>	<a href="#">33, 204, 83</a>
Decimal	<a href="#">10144801</a>
CIELab	<a href="#">76.17, -38.25, 70.94</a>
CIELCh	<a href="#">76, 80.594, 118.330</a>
Yxy	<a href="#">50.1656, 0.3719, 0.5301</a>
Android (android.graphics.Color)	<a href="#">4288334881</a> ( <a href="#">0xFF9ACC21</a> )
YUV	<a href="#">169.5560, -67.3221, -13.6426</a>
Hunter-Lab	<a href="#">70.8277, -35.2529, 41.8220</a>

# Details

The Hex color **9ACC21** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark muted chartreuse. A complement of this color would be **5321CC**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **D4FF60**, and **619600** is the 20% darker color. If you saturate the color by 10%, you get **94CC0D**, and if you desaturate by 10%, it is **A0CC35**.

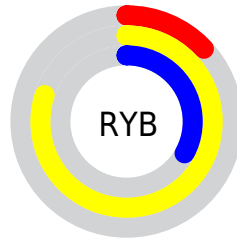
# Distribution



Red (60%)

Green (80%)

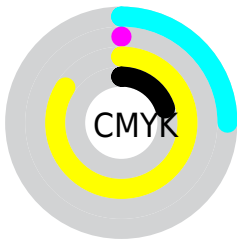
Blue (13%)



Red (13%)

Yellow (80%)

Blue (33%)

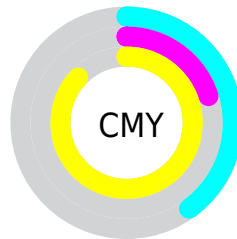


Cyan (25%)

Magenta (0%)

Yellow (84%)

Black (20%)



Cyan (40%)

Magenta (20%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9ACC21 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 9ACC21 by changing the saturation by 10% instead.





9ACC21



9ACC21

FFFFFF



7DB000



D4FF60



619600



F2FF7C



457B00



FFFF99



276200



FFFFB6



004A00



FFFFD3



003300



FFFFF0



001E00



000000



9ACC21



9ACC21

■ 94CC0D

■ A0CC35

■ 90CC00

■ A6CC4A

■ ACCC5E

■ B2CC73

■ B8CC87

■ BECC9B

■ C4CCB0

■ CACCC4

■ D0CCD9

# Harmonies

## Analogous

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



E3B700



9ACC21



00D869

# Triad

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



9ACC21



00D7FF



FF70C3

# Complementary

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



9ACC21



5321CC

# 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.



FF87FF



9ACC21



00C6FF

# Square

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



9ACC21



00DEFF



B1AAFF



FF7A7A

# Rectangle

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



9ACC21



00DD9B



B1AAFF



FF74DC

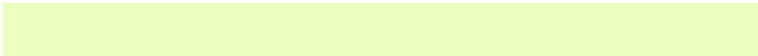


# Sweetspot

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



9ACC21



ECFFBF



CC5121



748059



000000



808080



# Same Dimension

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



9ACC21



B4FF00



46CC21



63665C



75A600



1B2600



# Inverse Universe

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



5321CC



4B00FF



A721CC



5F5C66



3000A6



0B0026



# Previews

## White Background



This preview shows how the Hex color 9ACC21 looks on a white background.

## Color Contrast Check

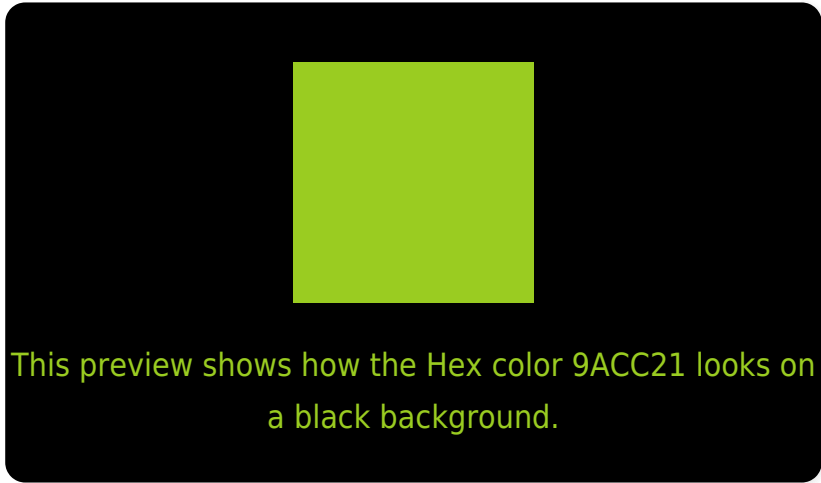
Large Text (above 18pt) WCAG AA × Fail

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 9ACC21 Background



This preview shows how black text looks on a background with the Hex color 9ACC21.

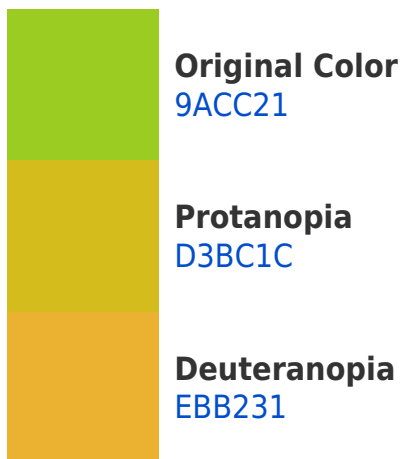


This preview shows how white text looks on a background with the Hex color 9ACC21.

# Color Blindness Simulation

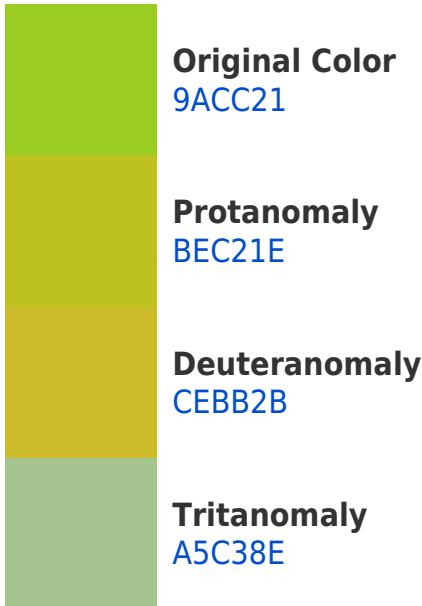
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

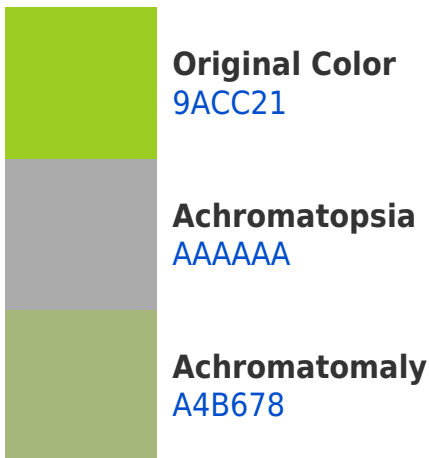




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9ACC21 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 #9ACC21 looks like.

```
.text, #text, p{  
    color:#9ACC21  
}
```

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 #9ACC21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9ACC21
}
```

## Border

The CSS property to change the border of an element to Hex 9ACC21 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
#9ACC21 }
```

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

```
.border{ border-color:#9ACC21 }
```

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

Here you see how a box with a 4 pixel #9ACC21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9ACC21; -webkit-box-shadow:4px 4px  
4px 4px #9ACC21; box-shadow:4px 4px 4px  
4px #9ACC21 }
```

# Background

The CSS property to change the background color of an element to Hex 9ACC21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9ACC21 }
```

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

```
.background{ background-color:#9ACC21 }
```

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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