

Converting Colors

Hex(9ABD21)

Have a look what the booklet for
Hex(9ABD21) contains.

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Color

Hex(9ABD21)

Conversions

Conversions Part 1

Format	Color
Hex	9ABD21
RGB	154, 189, 33
RGB Percent	60%, 74%, 13%
CMY	0.3961, 0.2588, 0.8706
CMYK	0.19, 0.00, 0.83, 0.26
HSL	73°, 70%, 44%
HSV	73°, 83%, 74%
XYZ	31.7985, 43.3750, 8.1351
YIQ	160.7510, 29.2160, -55.9360

Conversions

Conversions Part 2

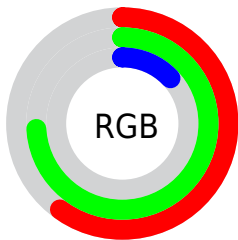
Format	Color
R_{YB}	33, 189, 68
Decimal	10140961
CIE _{Lab}	71.81, -31.38, 67.16
CIE _{LCh}	72, 74.129, 115.046
Yxy	43.3750, 0.3817, 0.5207
Android (android.graphics.Color)	4288331041 (0xFF9ABD21)
YUV	160.7510, -62.9812, -5.9206
Hunter-Lab	65.8597, -29.0707, 38.7782

Details

The Hex color **9ABD21** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **4421BD**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **D4F55E**, and **628800** is the 20% darker color. If you saturate the color by 10%, you get **96BD0E**, and if you desaturate by 10%, it is **9EBD34**.

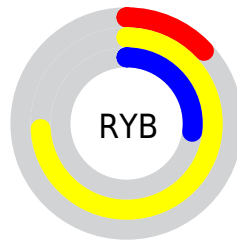
Distribution



Red (60%)

Green (74%)

Blue (13%)



Red (13%)

Yellow (74%)

Blue (27%)

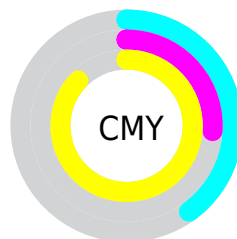


Cyan (19%)

Magenta (0%)

Yellow (83%)

Black (26%)



Cyan (40%)

Magenta (26%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9ABD21 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 9ABD21 by changing the saturation by 10% instead.

 9ABD21

 9ABD21

FFFFFF

 7EA200

 D4F55E

 628800

 F1FF7A

 476E00

 FFFF96

 2B5600

 FFFFB2

 0A3E00

 FFFFCF

 002800

 FFFFEC

 000C00

 000000

 9ABD21

 9ABD21

■ 96BD0E

■ 9EBD34

■ 93BD00

■ A2BD47

■ A7BD5A

■ ABBD6D

■ AFB D80

■ B3BD92

■ B8BDA5

■ BCBDB8

■ C0BDCB

Harmonies

Analogous

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



DBA909



9ABD21



35C95E

Triad

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



9ABD21



00CAFF



FF6DBE

Complementary

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



9ABD21



4421BD

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.



F784FF



9ABD21



00BBFF

Square

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



9ABD21



00CFE7



9AA3FF



FF737B

Rectangle

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



9ABD21



00CD8B



9AA3FF



FF72D5

Sweetspot

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



9ABD21



E7F5B8



BD4321



727A56



FAFAFA



7A7A7A

Same Dimension

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



9ABD21



BEF502



4DBD21



5C5E55



7B9E00



181F00

Inverse Universe

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



4421BD



3902F5



9121BD



57555E



23009E



07001F

Previews

White Background



This preview shows how the Hex color 9ABD21 looks on a white background.

Color Contrast Check

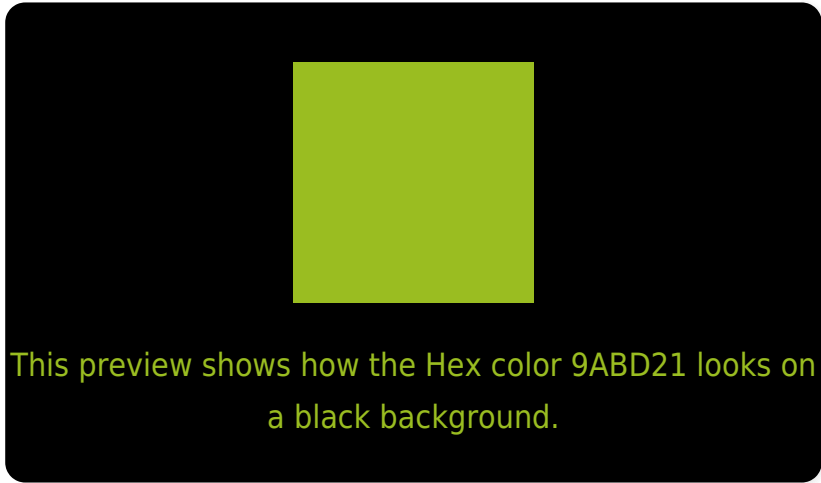
Large Text (above 18pt) WCAG AA × Fail

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 9ABD21 Background



This preview shows how black text looks on a background with the Hex color 9ABD21.

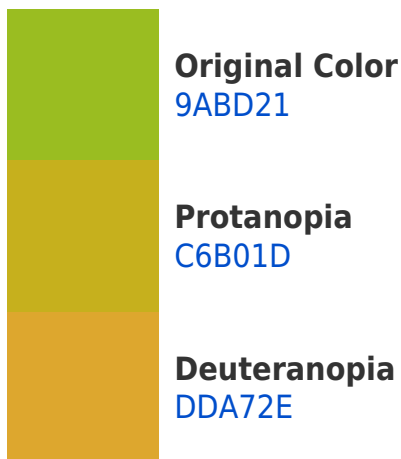


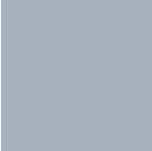
This preview shows how white text looks on a background with the Hex color 9ABD21.

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](#).

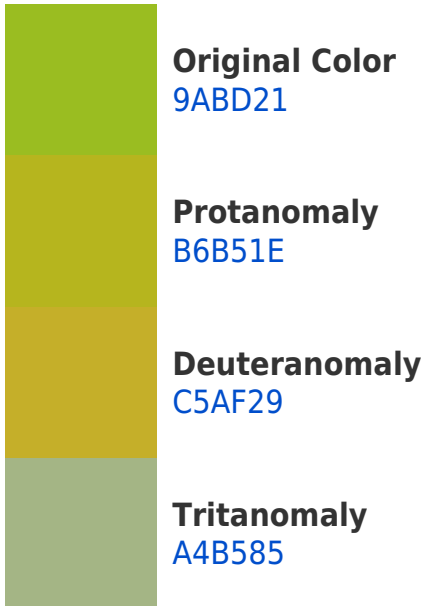
Dichromacy



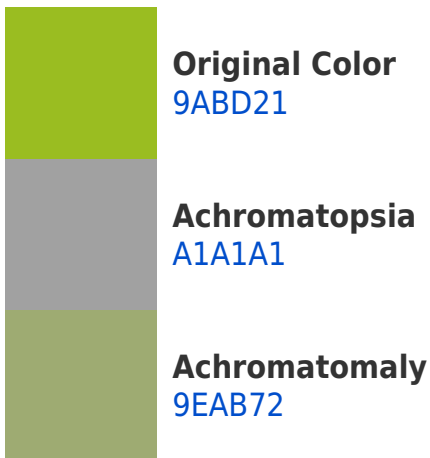


Tritanopia
A9B0BE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9ABD21 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 #9ABD21 looks like.

```
.text, #text, p{  
    color:#9ABD21  
}
```

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 #9ABD21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9ABD21
}
```

Border

The CSS property to change the border of an element to Hex 9ABD21 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
#9ABD21 }
```

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

```
.border{ border-color:#9ABD21 }
```

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

Here you see how a box with a 4 pixel #9ABD21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9ABD21; -webkit-box-shadow:4px 4px  
4px 4px #9ABD21; box-shadow:4px 4px 4px  
4px #9ABD21 }
```

Background

The CSS property to change the background color of an element to Hex 9ABD21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9ABD21 }
```

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

```
.background{ background-color:#9ABD21 }
```

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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