

Converting Colors

Hex(A9D421)

Have a look what the booklet for
Hex(A9D421) contains.

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Color

Hex(A9D421)

Conversions

Conversions Part 1

Format	Color
Hex	A9D421
RGB	169, 212, 33
RGB Percent	66%, 83%, 13%
CMY	0.3373, 0.1686, 0.8706
CMYK	0.20, 0.00, 0.84, 0.17
HSL	74°, 73%, 48%
HSV	74°, 84%, 83%
XYZ	40.1802, 55.6318, 10.0591
YIQ	178.7370, 31.8310, -64.7850

Conversions

Conversions Part 2

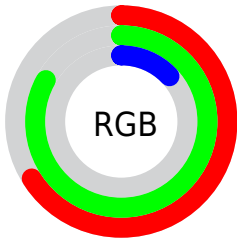
Format	Color
RYB	33, 212, 76
Decimal	11129889
CIELab	79.40, -35.97, 74.08
CIELCh	79, 82.347, 115.898
Yxy	55.6318, 0.3795, 0.5255
Android (android.graphics.Color)	4289319969 (0xFFA9D421)
YUV	178.7370, -71.8483, -8.5393
Hunter-Lab	74.5867, -34.3681, 44.2146

Details

The Hex color **A9D421** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **4C21D4**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **E4FF62**, and **709D00** is the 20% darker color. If you saturate the color by 10%, you get **A4D40C**, and if you desaturate by 10%, it is **AED436**.

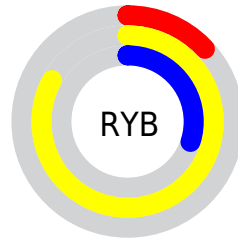
Distribution



Red (66%)

Green (83%)

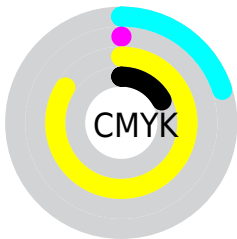
Blue (13%)



Red (13%)

Yellow (83%)

Blue (30%)

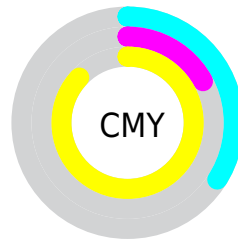


Cyan (20%)

Magenta (0%)

Yellow (84%)

Black (17%)



Cyan (34%)

Magenta (17%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color A9D421 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 A9D421 by changing the saturation by 10% instead.

 A9D421

 A9D421

FFFFFF

 8CB800

 E4FF62

 709D00

 FFFF7E

 538300

 FFFF9B

 376A00

 FFFFB8

 165100

 FFFFD5

 003A00

 FFFFF3

 002500

 000000

 A9D421

 A9D421

 A4D40C

 AED436

 A1D400

 B3D44B

 B8D461

 BDD476

 C2D48B

 C8D4A0

 CDD4B5

 D2D4CB

 D7D4E0

Harmonies

Analogous

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



F3BE00



A9D421



2EE169

Triad

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



A9D421



00E1FF



FF78D3

Complementary

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



A9D421



4C21D4

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.



FF91FF



A9D421



00D1FF

Square

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



A9D421



00E8FF



AFB5FF



FF7F86

Rectangle

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



A9D421



00E69D



AFB5FF



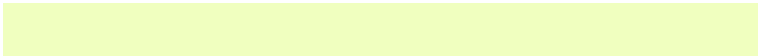
FF7DEC

Sweetspot

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



A9D421



F0FFBF



D44B21



768059



000000



808080

Same Dimension

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



A9D421



C2FF00



51D421



696B60



82AB00



212B00

Inverse Universe

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



4C21D4



3D00FF



A421D4



63606B



2900AB



0A002B

Previews

White Background



This preview shows how the Hex color A9D421 looks on a white background.

Color Contrast Check

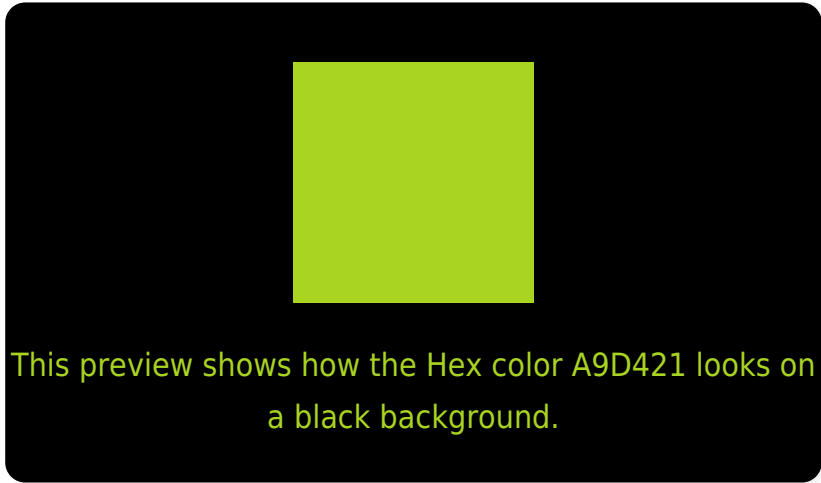
Large Text (above 18pt) WCAG AA × Fail

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 A9D421 Background



This preview shows how black text looks on a background with the Hex color A9D421.



This preview shows how white text looks on a background with the Hex color A9D421.

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

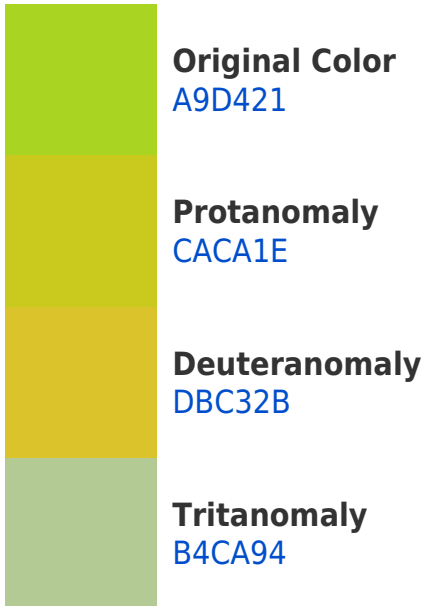


Original Color
A9D421

Protanopia
DDC51C

Deuteranopia
F7BA31

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A9D421 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 #A9D421 looks like.

```
.text, #text, p{  
    color:#A9D421  
}
```

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 #A9D421 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A9D421
}
```

Border

The CSS property to change the border of an element to Hex A9D421 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
#A9D421 }
```

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

```
.border{ border-color:#A9D421 }
```

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

Here you see how a box with a 4 pixel #A9D421 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A9D421; -webkit-box-shadow:4px 4px  
4px 4px #A9D421; box-shadow:4px 4px 4px  
4px #A9D421 }
```

Background

The CSS property to change the background color of an element to Hex A9D421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A9D421 }
```

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

```
.background{ background-color:#A9D421 }
```

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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