

Converting Colors

Hex(A4E21A)

Have a look what the booklet for
Hex(A4E21A) contains.

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Color

Hex(A4E21A)

Conversions

Conversions Part 1

Format	Color
Hex	A4E21A
RGB	164, 226, 26
RGB Percent	64%, 89%, 10%
CMY	0.3569, 0.1137, 0.8980
CMYK	0.27, 0.00, 0.88, 0.11
HSL	79°, 79%, 49%
HSV	79°, 88%, 89%
XYZ	42.6927, 62.3598, 10.7638
YIQ	184.6620, 27.2480, -75.3440

Conversions

Conversions Part 2

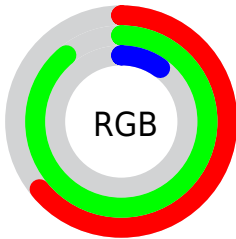
Format	Color
R _Y B	26, 226, 88
Decimal	10805786
CIE Lab	83.10, -44.25, 78.39
CIE LCh	83, 90.022, 119.445
Yxy	62.3598, 0.3686, 0.5384
Android (android.graphics.Color)	4288995866 (0xFFA4E21A)
YUV	184.6620, -78.2204, -18.1206
Hunter-Lab	78.9682, -41.6918, 47.1962

Details

The Hex color **A4E21A** 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 **581AE2**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **DFFF60**, and **6AAA00** is the 20% darker color. If you saturate the color by 10%, you get **9DE203**, and if you desaturate by 10%, it is **ABE231**.

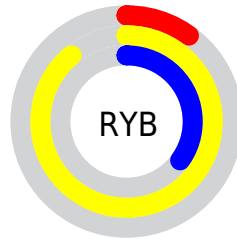
Distribution



Red (64%)

Green (89%)

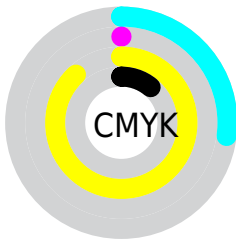
Blue (10%)



Red (10%)

Yellow (89%)

Blue (35%)

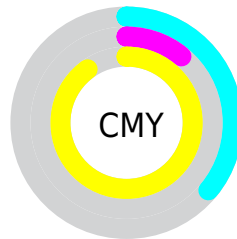


Cyan (27%)

Magenta (0%)

Yellow (88%)

Black (11%)



Cyan (36%)

Magenta (11%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color A4E21A 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 A4E21A by changing the saturation by 10% instead.

 A4E21A

 A4E21A

FFFFFF

 87C600

 DFFF60

 6AAA00

 FEFF7E

 4C9000

 FFFF9B

 2D7500

 FFFFB8

 005C00

 FFFFD5

 004400

 FFFFF3

 002D00

 001300

 000000

 A4E21A

 A4E21A

 9DE203

 ABE231

 9CE200

 B2E247

 B9E25E

 C0E274

 C7E28B

 CEE2A2

 D5E2B8

 DCE2CF

 E3E2E5

Harmonies

Analogous

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



F8CB00



A4E21A



00EF73

Triad

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



A4E21A



00EDFF



FF75D4

Complementary

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



A4E21A



581AE2

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



A4E21A



00DAFF

Square

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



A4E21A



00F5FF



C7B9FF



FF8481

Rectangle

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



A4E21A



00F4AD



C7B9FF



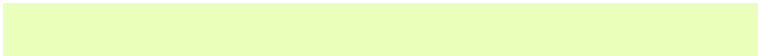
FF7BF1

Sweetspot

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



A4E21A



EAFFBA



E2561A



738057



000000



808080

Same Dimension

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



A4E21A



B0FF00



42E21A



6D7065



79B000



213000

Inverse Universe

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



581AE2



4F00FF



BA1AE2



686570



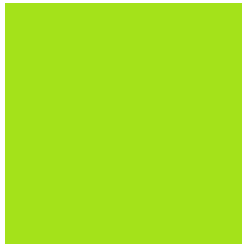
3700B0



0F0030

Previews

White Background



This preview shows how the Hex color A4E21A looks on a white background.

Color Contrast Check

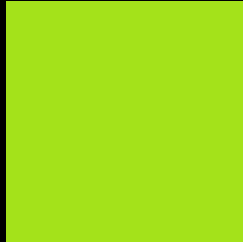
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color A4E21A looks on a 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 A4E21A Background



This preview shows how black text looks on a background with the Hex color A4E21A.

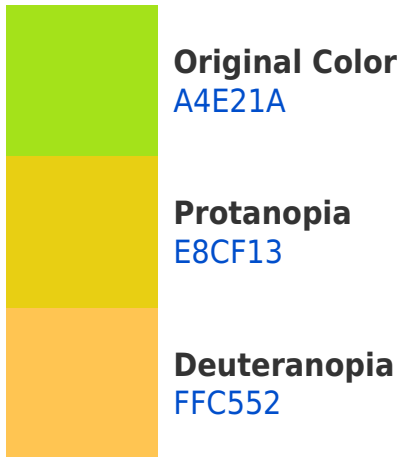


This preview shows how white text looks on a background with the Hex color A4E21A.

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](#).

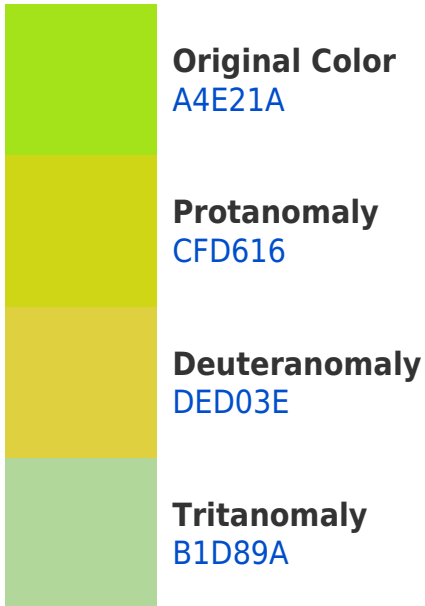
Dichromacy





Tritanopia
B9D2E3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A4E21A 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 #A4E21A looks like.

```
.text, #text, p{  
    color:#A4E21A  
}
```

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 #A4E21A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A4E21A
}
```

Border

The CSS property to change the border of an element to Hex A4E21A 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
#A4E21A }
```

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

```
.border{ border-color:#A4E21A }
```

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

Here you see how a box with a 4 pixel #A4E21A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A4E21A; -webkit-box-shadow:4px 4px  
4px 4px #A4E21A; box-shadow:4px 4px 4px  
4px #A4E21A }
```

Background

The CSS property to change the background color of an element to Hex A4E21A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A4E21A }
```

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

```
.background{ background-color:#A4E21A }
```

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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