

Converting Colors

Hex(A4E042)

Have a look what the booklet for
Hex(A4E042) contains.

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Color

Hex(A4E042)

Conversions

Conversions Part 1

Format	Color
Hex	A4E042
RGB	164, 224, 66
RGB Percent	64%, 88%, 26%
CMY	0.3569, 0.1216, 0.7412
CMYK	0.27, 0.00, 0.71, 0.12
HSL	83°, 72%, 57%
HSV	83°, 71%, 88%
XYZ	42.9489, 61.5972, 14.7801
YIQ	188.0480, 14.9580, -61.8580

Conversions

Conversions Part 2

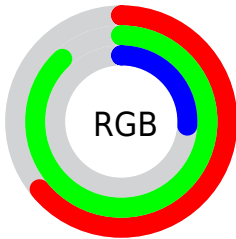
Format	Color
RYB	66, 224, 126
Decimal	10805314
CIELab	82.70, -41.74, 67.38
CIELCh	83, 79.265, 121.776
Yxy	61.5972, 0.3599, 0.5162
Android (android.graphics.Color)	4288995394 (0xFFA4E042)
YUV	188.0480, -60.1697, -21.0901
Hunter-Lab	78.4839, -39.6659, 43.7732

Details

The Hex color **A4E042** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **7E42E0**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **DEFF7B**, and **6BA800** is the 20% darker color. If you saturate the color by 10%, you get **9BE02C**, and if you desaturate by 10%, it is **ADE058**.

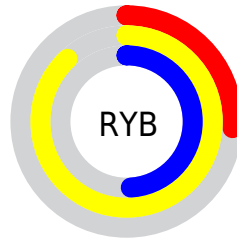
Distribution



Red (64%)

Green (88%)

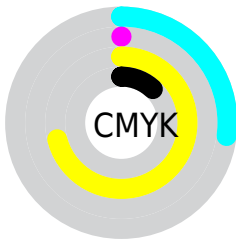
Blue (26%)



Red (26%)

Yellow (88%)

Blue (49%)

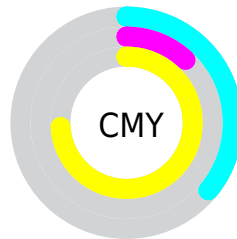


Cyan (27%)

Magenta (0%)

Yellow (71%)

Black (12%)



Cyan (36%)

Magenta (12%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color A4E042 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 A4E042 by changing the saturation by 10% instead.

 A4E042

 A4E042

FFFFFF

 87C421

 DEFF7B

 6BA800

 FCFF97

 4F8E00

 FFFFB3

 317400

 FFFF00

 0B5B00

 FFFFEE

 004200

 002C00

 001100

 000000

 A4E042

 A4E042

 9BE02C

 ADE058

 93E015

 B5E06F

 8BE000

 BEE085

 C6E09C

 CFE0B2

 D7E0C8

 E0E0DF

 E8E0F5

 F1E0FF

Harmonies

Analogous

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



EFCC20



A4E042



08EC84

Triad

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



A4E042



00E8FF



FF85CD

Complementary

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



A4E042



7E42E0

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.



FF97FF



A4E042



00D5FF

Square

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



A4E042



00F0FF



D4B8FF



FF9284

Rectangle

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



A4E042



00F0B6



D4B8FF



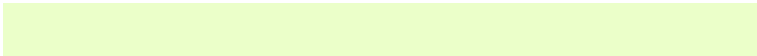
FF88E6

Sweetspot

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



A4E042



EBFFC9



E07C42



738060



000000



808080

Same Dimension

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



A4E042



ADFF26



57E042



6C7065



6DB000



1E3000

Inverse Universe

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



7E42E0



7926FF



CB42E0



696570



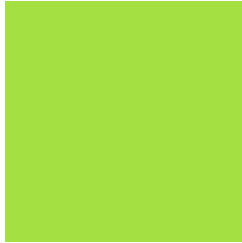
4300B0



120030

Previews

White Background



This preview shows how the Hex color A4E042 looks on a white background.

Color Contrast Check

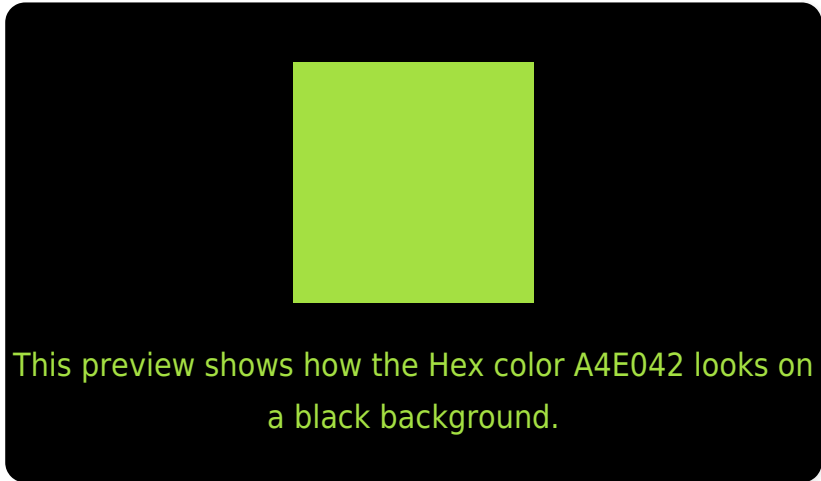
Large Text (above 18pt) WCAG AA × Fail

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 A4E042 Background



This preview shows how black text looks on a background with the Hex color A4E042.

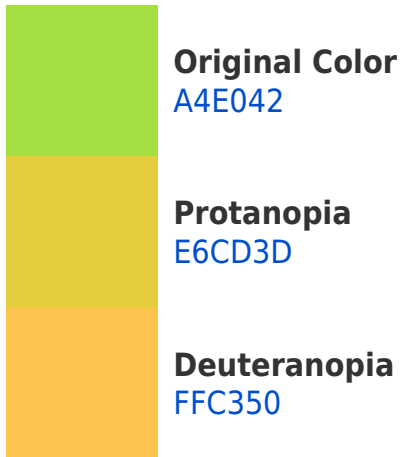


This preview shows how white text looks on a background with the Hex color A4E042.

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
B7D1E2

Trichromacy



Original Color
A4E042



Protanomaly
CED43F



Deuteranomaly
DECE4B

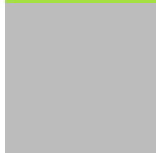


Tritanomaly
B0D6A8

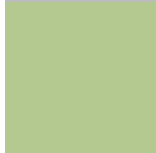
Monochromacy



Original Color
A4E042



Achromatopsia
BCBCBC



Achromatomaly
B3C990

CSS Examples

Text

The CSS property to change the color of the text to Hex A4E042 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 #A4E042 looks like.

```
.text, #text, p{  
    color:#A4E042  
}
```

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 #A4E042 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A4E042
}
```

Border

The CSS property to change the border of an element to Hex A4E042 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
#A4E042 }
```

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

```
.border{ border-color:#A4E042 }
```

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

Here you see how a box with a 4 pixel #A4E042 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A4E042; -webkit-box-shadow:4px 4px  
4px 4px #A4E042; box-shadow:4px 4px 4px  
4px #A4E042 }
```

Background

The CSS property to change the background color of an element to Hex A4E042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A4E042 }
```

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

```
.background{ background-color:#A4E042 }
```

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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