

Converting Colors

Hex(A2E24C)

Have a look what the booklet for
Hex(A2E24C) contains.

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Color

Hex(A2E24C)

Conversions

Conversions Part 1

Format	Color
Hex	A2E24C
RGB	162, 226, 76
RGB Percent	64%, 89%, 30%
CMY	0.3647, 0.1137, 0.7020
CMYK	0.28, 0.00, 0.66, 0.11
HSL	86°, 72%, 59%
HSV	86°, 66%, 89%
XYZ	43.4012, 62.5959, 16.6322
YIQ	189.7640, 10.0060, -60.2180

Conversions

Conversions Part 2

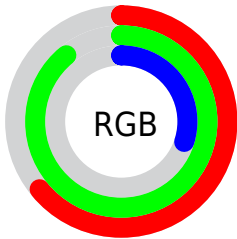
Format	Color
RYB	76, 226, 140
Decimal	10674764
CIELab	83.23, -42.69, 64.17
CIElCh	83, 77.073, 123.631
Yxy	62.5959, 0.3539, 0.5104
Android (android.graphics.Color)	4288864844 (0xFFA2E24C)
YUV	189.7640, -56.0857, -24.3490
Hunter-Lab	79.1176, -40.5368, 42.9183

Details

The Hex color **A2E24C** 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 **8C4CE2**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **DCFF84**, and **69AA03** is the 20% darker color. If you saturate the color by 10%, you get **98E235**, and if you desaturate by 10%, it is **ACE263**.

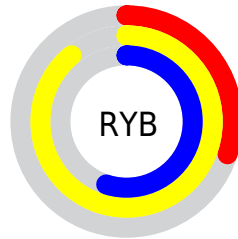
Distribution



Red (64%)

Green (89%)

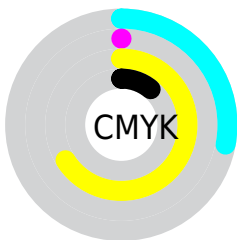
Blue (30%)



Red (30%)

Yellow (89%)

Blue (55%)

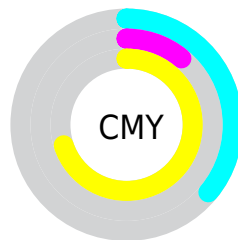


Cyan (28%)

Magenta (0%)

Yellow (66%)

Black (11%)



Cyan (36%)

Magenta (11%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color A2E24C 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 A2E24C by changing the saturation by 10% instead.

 A2E24C

 A2E24C

FFFFFF

 85C62E

 DCFF84

 69AA03

 FAFFA0

 4D8F00

 FFFFBC

 2F7500

 FFFFD9

 085C00

 FFFFF6

 004400

 002D00

 001300

 000000

 A2E24C

 A2E24C

 98E235

 ACE263

 8FE21F

 B5E279

 85E208

 BFE290

 82E200

 C9E2A6

 D2E2BD

 DCE2D4

 E5E2EA

 EFE2FF

 F9E2FF

Harmonies

Analogous

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



EDCF2B



A2E24C



02ED8C

Triad

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



A2E24C



00E8FF



FF8AC9

Complementary

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



A2E24C



8C4CE2

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.



FF99FF



A2E24C



00D5FF

Square

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



A2E24C



00F0FF



DCB8FF



FF9783

Rectangle

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



A2E24C



00F1BD



DCB8FF



FF8CE2

Sweetspot

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



A2E24C



E9FFCC



E28B4C



728061



000000



808080

Same Dimension

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



A2E24C



A8FF33



59E24C



6B7065



65B000



1C3000

Inverse Universe

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



8C4CE2



8A33FF



D54CE2



6A6570



4B00B0



150030

Previews

White Background



This preview shows how the Hex color A2E24C looks on a white background.

Color Contrast Check

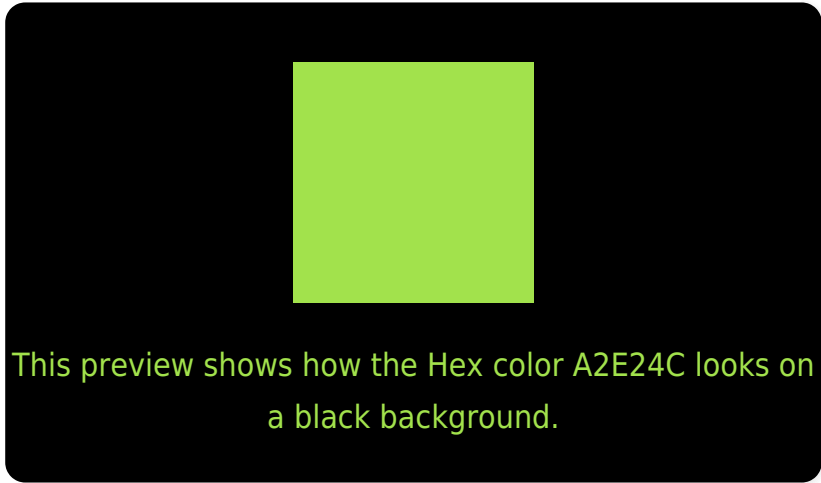
Large Text (above 18pt) WCAG AA × Fail

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 A2E24C Background



This preview shows how black text looks on a background with the Hex color A2E24C.

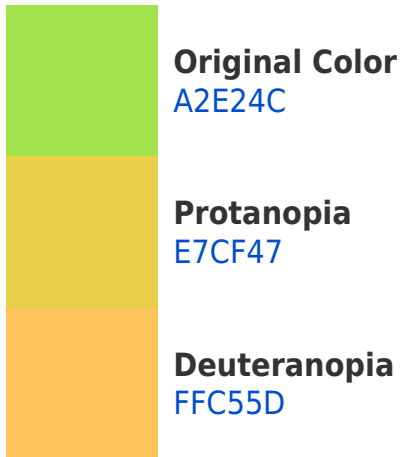


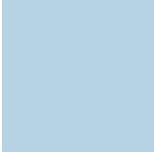
This preview shows how white text looks on a background with the Hex color A2E24C.

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
B6D3E4

Trichromacy



Original Color
A2E24C



Protanomaly
CED649



Deuteranomaly
DDD057



Tritanomaly
AFD8AD

Monochromacy



Original Color
A2E24C



Achromatopsia
BEBEBE



Achromatomaly
B4CB95

CSS Examples

Text

The CSS property to change the color of the text to Hex A2E24C 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 #A2E24C looks like.

```
.text, #text, p{  
    color:#A2E24C  
}
```

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 #A2E24C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2E24C
}
```

Border

The CSS property to change the border of an element to Hex A2E24C 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
#A2E24C }
```

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

```
.border{ border-color:#A2E24C }
```

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

Here you see how a box with a 4 pixel #A2E24C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2E24C; -webkit-box-shadow:4px 4px  
4px 4px #A2E24C; box-shadow:4px 4px 4px  
4px #A2E24C }
```

Background

The CSS property to change the background color of an element to Hex A2E24C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2E24C }
```

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

```
.background{ background-color:#A2E24C }
```

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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