

Converting Colors

Hex(A2EC00)

Have a look what the booklet for
Hex(A2EC00) contains.

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Color

Hex(A2EC00)

Conversions

Conversions Part 1

Format	Color
Hex	A2EC00
RGB	162, 236, 0
RGB Percent	64%, 93%, 0%
CMY	0.3647, 0.0745, 1.0000
CMYK	0.31, 0.00, 1.00, 0.07
HSL	79°, 100%, 46%
HSV	79°, 100%, 93%
XYZ	44.8957, 67.6723, 10.6958
YIQ	186.9700, 31.6520, -89.0840

Conversions

Conversions Part 2

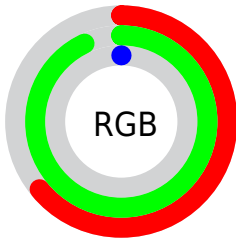
Format	Color
RYB	0, 236, 74
Decimal	10677248
CIELab	85.84, -49.58, 83.31
CIELCh	86, 96.945, 120.758
Yxy	67.6723, 0.3642, 0.5490
Android (android.graphics.Color)	4288867328 (0xFFA2EC00)
YUV	186.9700, -92.1762, -21.8987
Hunter-Lab	82.2632, -46.5428, 49.8754

Details

The Hex color **A2EC00** is a dark color, and the websafe version is hex **99FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **4A00EC**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **DEFF5A**, and **66B400** is the 20% darker color. If you saturate the color by 10%, you get **A2EC00**, and if you desaturate by 10%, it is **A9EC18**.

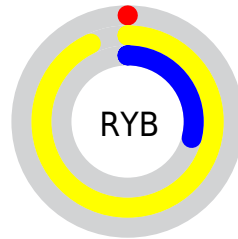
Distribution



Red (64%)

Green (93%)

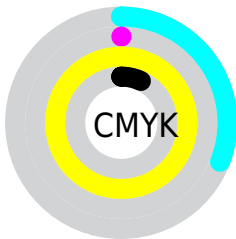
Blue (0%)



Red (0%)

Yellow (93%)

Blue (29%)

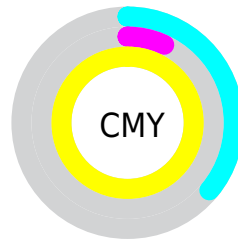


Cyan (31%)

Magenta (0%)

Yellow (100%)

Black (7%)



Cyan (36%)

Magenta (7%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color A2EC00 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 A2EC00 by changing the saturation by 10% instead.

 A2EC00

 A2EC00

FFFFFF

 84D000

 DEFF5A

 66B400

 FDF778

 479900

 FFFF96

 257E00

 FFFFB4

 006400

 FFFFD1

 004C00

 FFFFEE

 003400

 001D00

 000000

 A2EC00

 A9EC18

 B1EC2F

 B8EC47

 C0EC5E

 C7EC76

 CEEC8E

 D6ECA5

 DDECBD

 E5ECD4

Harmonies

Analogous

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



FED300



A2EC00



00FA77

Triad

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



A2EC00



00F7FF



FF71D8

Complementary

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



A2EC00



4A00EC

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.



FF8FFF



A2EC00



00E1FF

Square

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



A2EC00



00FFFF



D4BDFE



FF847E

Rectangle

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



A2EC00



00FEB6



D4BDFF



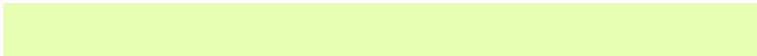
FF77F7

Sweetspot

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



A2EC00



E7FFB3



EC4700



718052



000000



808080

Same Dimension

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



A2EC00



AFFF00



2FEC00



72756A



7CB500



253600

Inverse Universe

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



4A00EC



5000FF



BD00EC



6D6A75



3900B5



110036

Previews

White Background



This preview shows how the Hex color A2EC00 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 A2EC00 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 A2EC00 Background



This preview shows how black text looks on a background with the Hex color A2EC00.

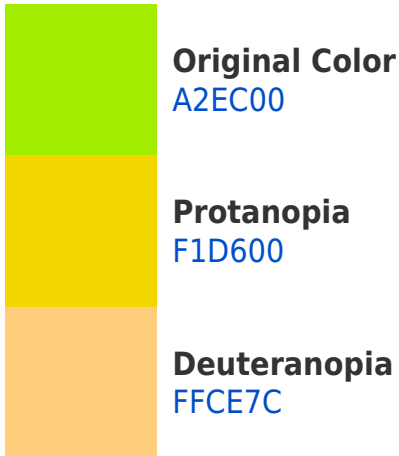


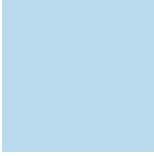
This preview shows how white text looks on a background with the Hex color A2EC00.

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](#).

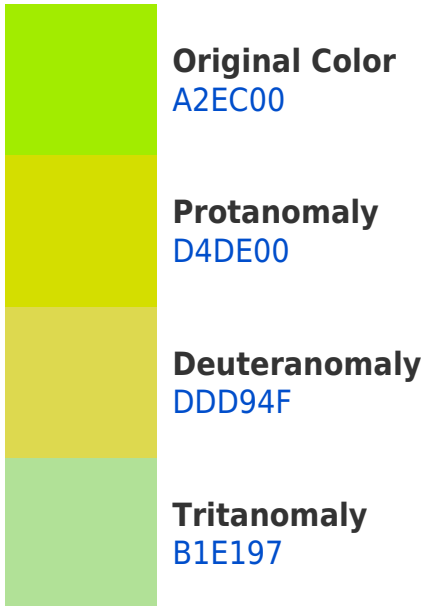
Dichromacy



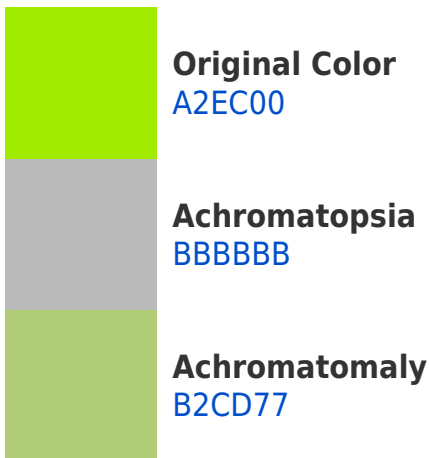


Tritanopia
B9DBED

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A2EC00 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 #A2EC00 looks like.

```
.text, #text, p{  
    color:#A2EC00  
}
```

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 #A2EC00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2EC00
}
```

Border

The CSS property to change the border of an element to Hex A2EC00 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
#A2EC00 }
```

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

```
.border{ border-color:#A2EC00 }
```

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

Here you see how a box with a 4 pixel #A2EC00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2EC00; -webkit-box-shadow:4px 4px  
4px 4px #A2EC00; box-shadow:4px 4px 4px  
4px #A2EC00 }
```

Background

The CSS property to change the background color of an element to Hex A2EC00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2EC00 }
```

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

```
.background{ background-color:#A2EC00 }
```

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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