

# Converting Colors

Hex(A9EC23)

Have a look what the booklet for  
Hex(A9EC23) contains.

<b>Hex(A9EC23)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(A9EC23)

# Conversions

## Conversions Part 1

Format	Color
Hex	A9EC23
RGB	169, 236, 35
RGB Percent	66%, 93%, 14%
CMY	0.3373, 0.0745, 0.8627
CMYK	0.28, 0.00, 0.85, 0.07
HSL	80°, 84%, 53%
HSV	80°, 85%, 93%
XYZ	46.6610, 68.5473, 12.3618
YIQ	193.0530, 24.5890, -76.7150

# Conversions

## Conversions Part 2

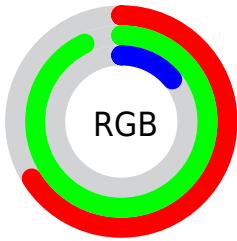
<b>Format</b>	<b>Color</b>
<b>RYB</b>	35, 236, 102
Decimal	11136035
CIELab	86.28, -46.42, 79.50
CIELCh	86, 92.063, 120.283
Yxy	68.5473, 0.3658, 0.5373
Android (android.graphics.Color)	4289326115 (0xFFA9EC23)
YUV	193.0530, -77.9201, -21.0945
Hunter-Lab	82.7933, -44.2884, 49.1028

# Details

The Hex color **A9EC23** is a dark color, and the websafe version is hex **CCFF33**. The color can be described as middle washed chartreuse. A complement of this color would be **6623EC**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **E5FF66**, and **6EB400** is the 20% darker color. If you saturate the color by 10%, you get **A1EC0B**, and if you desaturate by 10%, it is **B1EC3B**.

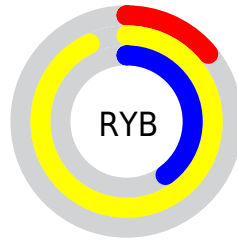
# Distribution



Red (66%)

Green (93%)

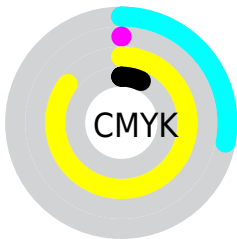
Blue (14%)



Red (14%)

Yellow (93%)

Blue (40%)

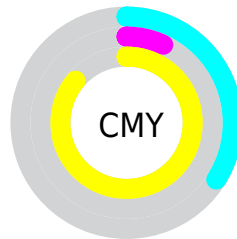


Cyan (28%)

Magenta (0%)

Yellow (85%)

Black (7%)



Cyan (34%)

Magenta (7%)

Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A9EC23 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 A9EC23 by changing the saturation by 10% instead.



 A9EC23

 A9EC23

FFFFFF

 8CD000

 E5FF66

 6EB400

 FFFF84

 509900

 FFFFA1

 327E00

 FFFFBE

 016500

 FFFFDC

 004C00

 FFFFFA

 003400

 001E00

 000000

 A9EC23

 A9EC23

 A1EC0B

 B1EC3B

 9DEC00

 B9EC52

 C1EC6A

 C8EC81

 D0EC99

 D8ECB1

 E0ECC8

 E8ECE0

 F0ECF7

# Harmonies

## Analogous

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



FFD400



A9EC23



00FA7C

# Triad

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



A9EC23



00F7FF



FF7CDB

# Complementary

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



A9EC23



6623EC

# 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.



FF96FF



A9EC23



00E2FF

# Square

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



A9EC23



00FFFF



D4C0FF



FF8B85

# Rectangle

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



A9EC23



00FEB8



D4C0FF



FF81F8



# Sweetspot

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



A9EC23



E9FFBD



EC6623



728058



000000



808080



# Same Dimension

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



A9EC23



AAFF00



44EC23



71756A



79B500



243600



# Inverse Universe

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



6623EC



5500FF



CB23EC



6D6A75



3C00B5

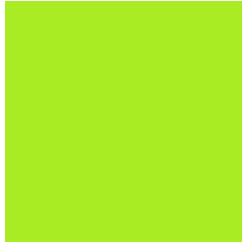


120036



# Previews

## White Background



This preview shows how the Hex color A9EC23 looks on a white background.

## Color Contrast Check

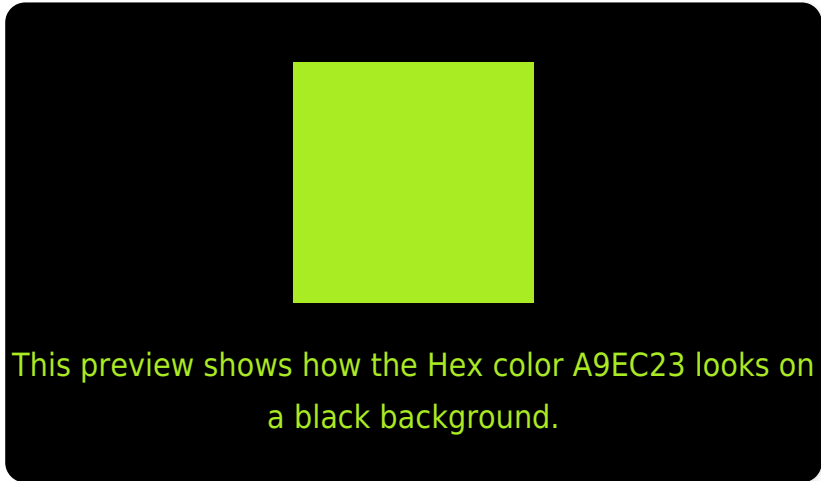
Large Text (above 18pt) WCAG AA × Fail

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 A9EC23 Background



This preview shows how black text looks on a background with the Hex color A9EC23.

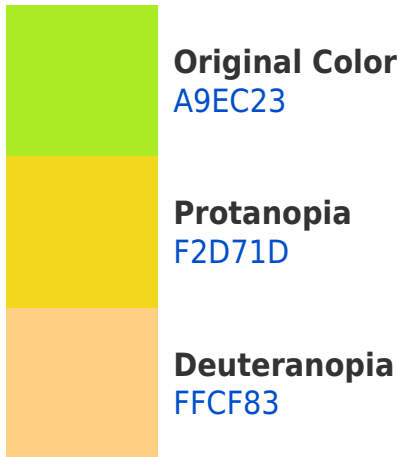


This preview shows how white text looks on a background with the Hex color A9EC23.

# Color Blindness Simulation

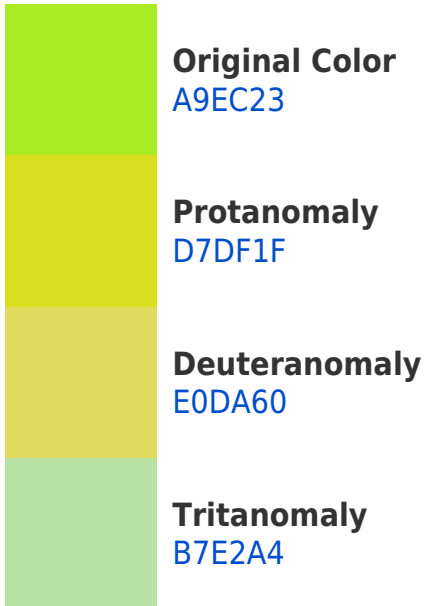
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A9EC23 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 #A9EC23 looks like.

```
.text, #text, p{  
    color:#A9EC23  
}
```

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 #A9EC23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A9EC23
}
```

## Border

The CSS property to change the border of an element to Hex A9EC23 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
#A9EC23 }
```

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

```
.border{ border-color:#A9EC23 }
```

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

Here you see how a box with a 4 pixel #A9EC23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A9EC23; -webkit-box-shadow:4px 4px  
4px 4px #A9EC23; box-shadow:4px 4px 4px  
4px #A9EC23 }
```

# Background

The CSS property to change the background color of an element to Hex A9EC23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A9EC23 }
```

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

```
.background{ background-color:#A9EC23 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor