

Converting Colors

Hex(AAE92C)

Have a look what the booklet for
Hex(AAE92C) contains.

Hex(AAE92C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(AAE92C)

Conversions

Conversions Part 1

Format	Color
Hex	AAE92C
RGB	170, 233, 44
RGB Percent	67%, 91%, 17%
CMY	0.3333, 0.0863, 0.8275
CMYK	0.27, 0.00, 0.81, 0.09
HSL	80°, 81%, 54%
HSV	80°, 81%, 91%
XYZ	46.1711, 67.0057, 12.8828
YIQ	192.6170, 23.1210, -72.1350

Conversions

Conversions Part 2

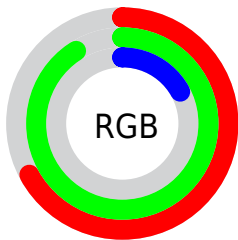
Format	Color
RYB	44, 233, 107
Decimal	11200812
CIELab	85.51, -44.48, 76.83
CIELCh	86, 88.774, 120.069
Yxy	67.0057, 0.3663, 0.5315
Android (android.graphics.Color)	4289390892 (0xFFAAE92C)
YUV	192.6170, -73.2682, -19.8351
Hunter-Lab	81.8570, -42.5676, 47.9688

Details

The Hex color **AAE92C** 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 **6B2CE9**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **E5FF6B**, and **70B100** is the 20% darker color. If you saturate the color by 10%, you get **A2E915**, and if you desaturate by 10%, it is **B2E943**.

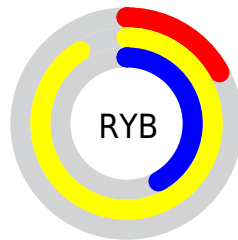
Distribution



Red (67%)

Green (91%)

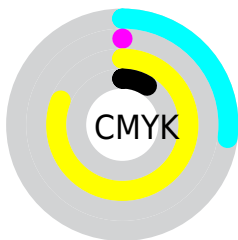
Blue (17%)



Red (17%)

Yellow (91%)

Blue (42%)

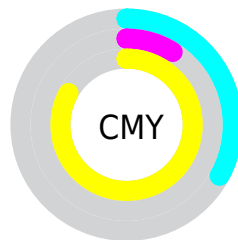


Cyan (27%)

Magenta (0%)

Yellow (81%)

Black (9%)



Cyan (33%)

Magenta (9%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color AAE92C 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 AAE92C by changing the saturation by 10% instead.

 AAE92C

 AAE92C

FFFFFF

 8DCD00

 E5FF6B

 70B100

 FFFF88

 529600

 FFFFA5

 347C00

 FFFF83

 0B6200

 FFFF80

 004A00

FFFFFFE

 003200

 001C00

 000000

 AAE92C

 AAE92C

 A2E915

 B2E943

 9BE900

 BAE95B

 C1E972

 C9E989

 D1E9A0

 D9E9B8

 E0E9CF

 E8E9E6

 F0E9FE

Harmonies

Analogous

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



FED200



AAE92C



00F67D

Triad

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



AAE92C



00F3FF



FF7FD9

Complementary

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



AAE92C



6B2CE9

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.



FF98FF



AAE92C



00E0FF

Square

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



AAE92C



00FCFF



D2BFFF



FF8D87

Rectangle

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



AAE92C



00FBB6



D2BFFF



FF84F5

Sweetspot

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



AAE92C



EBFFC2



E96B2C



73805B



000000



808080

Same Dimension

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



AAE92C



ADFF08



4BE92C



71756A



79B500



243600

Inverse Universe

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



6B2CE9



5A08FF



CA2CE9



6D6A75



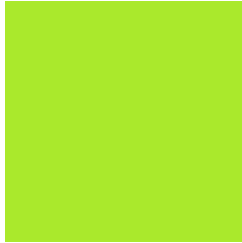
3C00B5



120036

Previews

White Background



This preview shows how the Hex color AAE92C looks on a white background.

Color Contrast Check

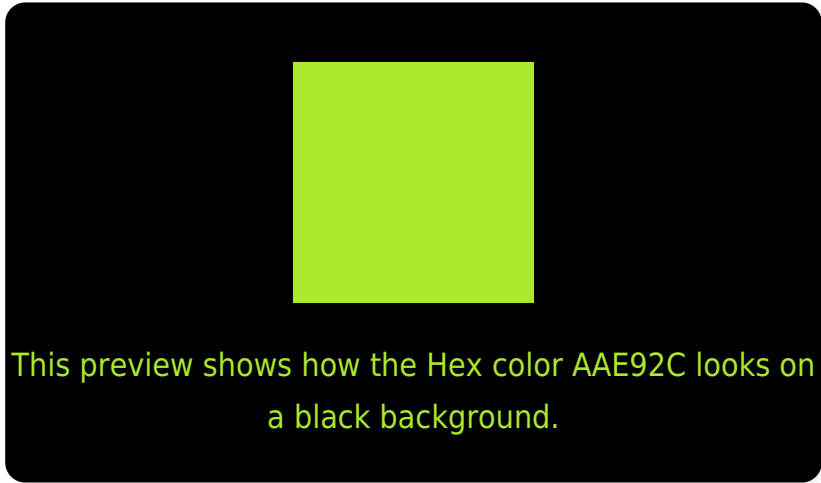
Large Text (above 18pt) WCAG AA × Fail

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 AAE92C Background



This preview shows how black text looks on a background with the Hex color AAE92C.



This preview shows how white text looks on a background with the Hex color AAE92C.

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



Original Color
AAE92C

Protanopia
F0D527

Deuteranopia
FFCD7A



Tritanopia
BFD9EA

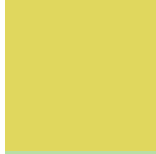
Trichromacy



Original Color
AAE92C



Protanomaly
D7DC29



Deuteranomaly
E0D75E

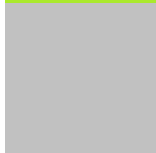


Tritanomaly
B7DFA5

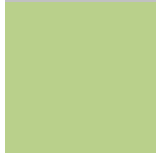
Monochromacy



Original Color
AAE92C



Achromatopsia
C1C1C1



Achromatomaly
B9D08B

CSS Examples

Text

The CSS property to change the color of the text to Hex AAE92C 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 #AAE92C looks like.

```
.text, #text, p{  
    color:#AAE92C  
}
```

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 #AAE92C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAE92C
}
```

Border

The CSS property to change the border of an element to Hex AAE92C 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
#AAE92C }
```

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

```
.border{ border-color:#AAE92C }
```

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

Here you see how a box with a 4 pixel #AAE92C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAE92C; -webkit-box-shadow:4px 4px  
4px 4px #AAE92C; box-shadow:4px 4px 4px  
4px #AAE92C }
```

Background

The CSS property to change the background color of an element to Hex AAE92C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAE92C }
```

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

```
.background{ background-color:#AAE92C }
```

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