

Converting Colors

Hex(A8C221)

Have a look what the booklet for
Hex(A8C221) contains.

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Color

Hex(A8C221)

Conversions

Conversions Part 1

Format	Color
Hex	A8C221
RGB	168, 194, 33
RGB Percent	66%, 76%, 13%
CMY	0.3412, 0.2392, 0.8706
CMYK	0.13, 0.00, 0.83, 0.24
HSL	70°, 71%, 45%
HSV	70°, 83%, 76%
XYZ	35.7147, 47.0182, 8.6319
YIQ	167.8720, 36.1850, -55.5830

Conversions

Conversions Part 2

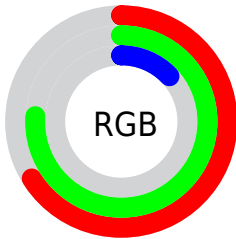
Format	Color
RYB	33, 194, 59
Decimal	11059745
CIELab	74.20, -27.99, 69.60
CIELCh	74, 75.021, 111.910
Yxy	47.0182, 0.3909, 0.5146
Android (android.graphics.Color)	4289249825 (0xFFA8C221)
YUV	167.8720, -66.4919, 0.1123
Hunter-Lab	68.5698, -27.0251, 40.5352

Details

The Hex color **A8C221** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **3B21C2**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **E3FA5F**, and **6F8C00** is the 20% darker color. If you saturate the color by 10%, you get **A5C20E**, and if you desaturate by 10%, it is **ABC234**.

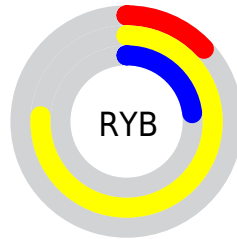
Distribution



Red (66%)

Green (76%)

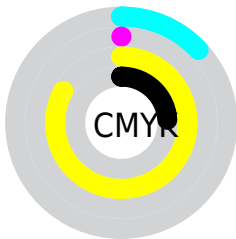
Blue (13%)



Red (13%)

Yellow (76%)

Blue (23%)

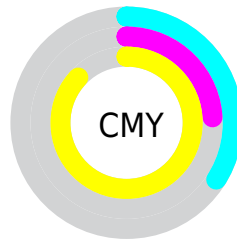


Cyan (13%)

Magenta (0%)

Yellow (83%)

Black (24%)



Cyan (34%)

Magenta (24%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color A8C221 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 A8C221 by changing the saturation by 10% instead.

 A8C221

 A8C221

FFFFFF

 8BA700

 E3FA5F

 6F8C00

 FFFF7B

 547300

 FFFF97

 385A00

 FFFFB4

 1C4300

 FFFFDD

 002C00

 FFFFEE

 001700

 000000

 A8C221

 A8C221

 A5C20E

 ABC234

 A3C200

 AEC248

 B1C25B

 B5C26F

 B8C282

 BBC295

 BEC2A9

 C1C2BC

 C4C2D0

Harmonies

Analogous

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



E8AD16



A8C221



4CCF5C

Triad

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



A8C221



00D2FF



FF75CC

Complementary

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



A8C221



3B21C2

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.



F78DFF



A8C221



00C4FF

Square

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



A8C221



00D7E8



92ACFF



FF7787

Rectangle

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



A8C221



00D489



92ACFF



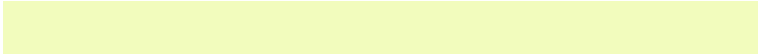
FF7BE3

Sweetspot

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



A8C221



F2FCBD



C23921



798059



000000



808080

Same Dimension

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



A8C221



D4FC00



59C221



5F6157



87A100



1C2100

Inverse Universe

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



3B21C2



2900FC



8A21C2



595761



1A00A1



050021

Previews

White Background



This preview shows how the Hex color A8C221 looks on a white background.

Color Contrast Check

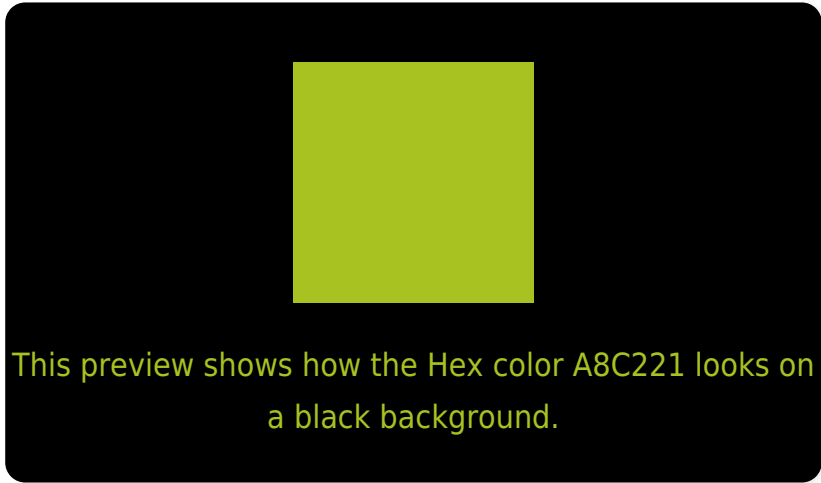
Large Text (above 18pt) WCAG AA × Fail

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 A8C221 Background



This preview shows how black text looks on a background with the Hex color A8C221.



This preview shows how white text looks on a background with the Hex color A8C221.

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
A8C221

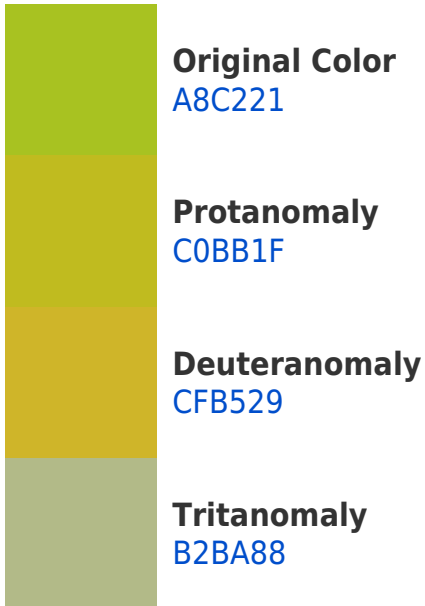
Protanopia
CDB71E

Deuteranopia
E5AD2E



Tritanopia
B7B5C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A8C221 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 #A8C221 looks like.

```
.text, #text, p{  
    color:#A8C221  
}
```

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 #A8C221 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A8C221
}
```

Border

The CSS property to change the border of an element to Hex A8C221 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
#A8C221 }
```

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

```
.border{ border-color:#A8C221 }
```

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

Here you see how a box with a 4 pixel #A8C221 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A8C221; -webkit-box-shadow:4px 4px  
4px 4px #A8C221; box-shadow:4px 4px 4px  
4px #A8C221 }
```

Background

The CSS property to change the background color of an element to Hex A8C221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A8C221 }
```

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

```
.background{ background-color:#A8C221 }
```

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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