

# Converting Colors

Hex(A7C223)

Have a look what the booklet for  
Hex(A7C223) contains.

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**Color**

**Hex(A7C223)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A7C223
RGB	167, 194, 35
RGB Percent	65%, 76%, 14%
CMY	0.3451, 0.2392, 0.8627
CMYK	0.14, 0.00, 0.82, 0.24
HSL	70°, 69%, 45%
HSV	70°, 82%, 76%
XYZ	35.5315, 46.9204, 8.7739
YIQ	167.8010, 34.9470, -55.1730

# Conversions

## Conversions Part 2

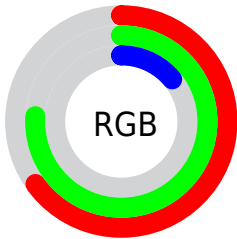
Format	Color
<b>RYB</b>	35, 194, 62
Decimal	10994211
CIELab	74.14, -28.34, 69.03
CIELCh	74, 74.618, 112.323
Yxy	46.9204, 0.3895, 0.5143
Android (android.graphics.Color)	4289184291 (0xFFA7C223)
YUV	167.8010, -65.4709, -0.7025
Hunter-Lab	68.4985, -27.2809, 40.3545

# Details

The Hex color **A7C223** 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 **3E23C2**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **E1FA60**, and **6F8C00** is the 20% darker color. If you saturate the color by 10%, you get **A4C210**, and if you desaturate by 10%, it is **AAC236**.

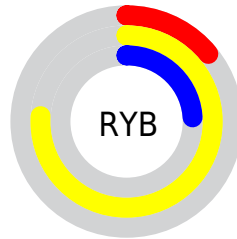
# Distribution



Red (65%)

Green (76%)

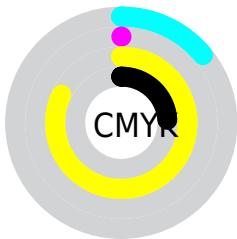
Blue (14%)



Red (14%)

Yellow (76%)

Blue (24%)

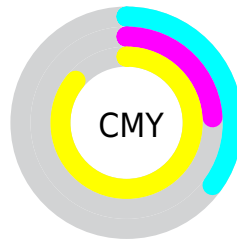


Cyan (14%)

Magenta (0%)

Yellow (82%)

Black (24%)



Cyan (35%)

Magenta (24%)

Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A7C223 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 A7C223 by changing the saturation by 10% instead.



 A7C223

 A7C223

FFFFFF

 8BA700

 E1FA60

 6F8C00

 FFFF7C

 537300

 FFFF98

 385A00

 FFFFB5

 1B4300

 FFFFD2

 002C00

 FFFFEE

 001700

 000000

 A7C223

 A7C223

■ A4C210

■ AAC236

■ A1C200

■ AEC24A

■ B1C25D

■ B4C271

■ B7C284

■ BBC297

■ BEC2AB

■ C1C2BE

■ C5C2D2

# Harmonies

## Analogous

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



E7AD18



A7C223



4BCF5D

# Triad

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



A7C223



00D1FF



FF75CB

# Complementary

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



A7C223



3E23C2

# 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.



F88DFF



A7C223



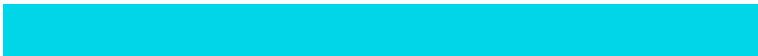
00C3FF

# Square

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



A7C223



00D6E8



94ACFF



FF7786

# Rectangle

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



A7C223



00D48A



94ACFF



FF7BE2

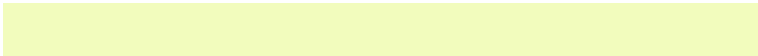


# Sweetspot

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



A7C223



F2FCBD



C23D23



798059



000000



808080



# Same Dimension

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



A7C223



D2FC05



58C223



5F6157



85A100



1C2100



# Inverse Universe

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



3E23C2



2F05FC



8D23C2



595761



1B00A1



060021



# Previews

## White Background



This preview shows how the Hex color A7C223 looks on a white background.

## Color Contrast Check

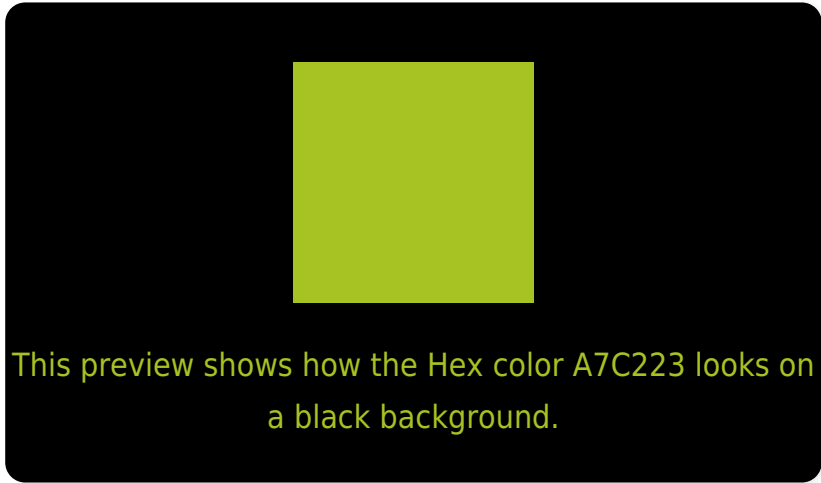
Large Text (above 18pt) WCAG AA × Fail

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 A7C223 Background



This preview shows how black text looks on a background with the Hex color A7C223.

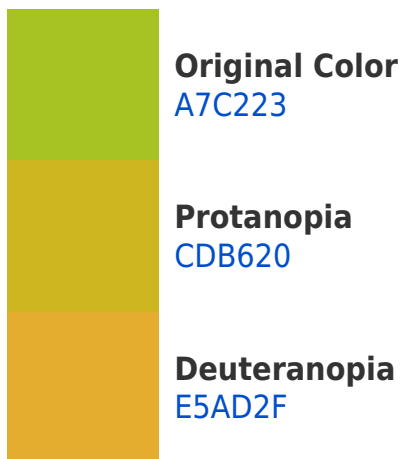


This preview shows how white text looks on a background with the Hex color A7C223.

# 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](#).

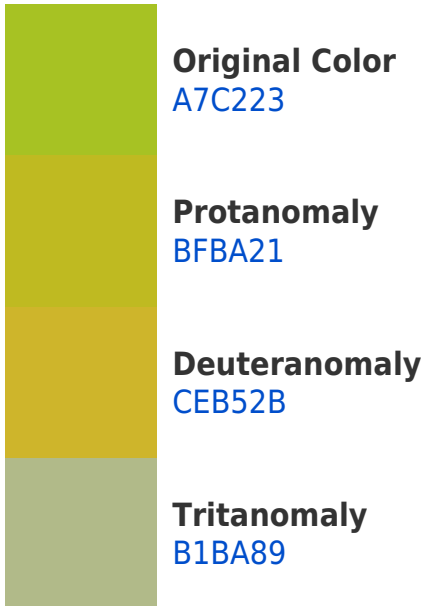
## Dichromacy



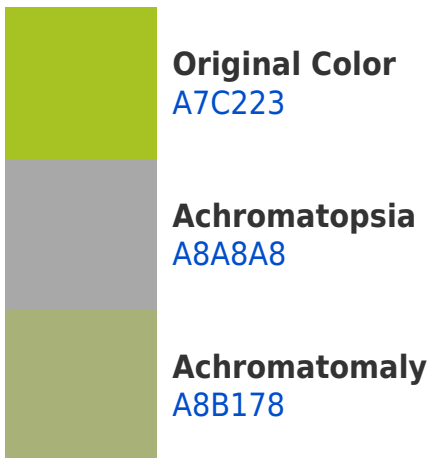


**Tritanopia**  
B6B5C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A7C223 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 #A7C223 looks like.

```
.text, #text, p{  
    color:#A7C223  
}
```

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 #A7C223 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7C223
}
```

## Border

The CSS property to change the border of an element to Hex A7C223 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
#A7C223 }
```

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

```
.border{ border-color:#A7C223 }
```

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

Here you see how a box with a 4 pixel #A7C223 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7C223; -webkit-box-shadow:4px 4px  
4px 4px #A7C223; box-shadow:4px 4px 4px  
4px #A7C223 }
```

# Background

The CSS property to change the background color of an element to Hex A7C223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7C223 }
```

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

```
.background{ background-color:#A7C223 }
```

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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