

# Converting Colors

Hex(A0E122)

Have a look what the booklet for  
Hex(A0E122) contains.

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# Color

Hex(A0E122)

# Conversions

## Conversions Part 1

Format	Color
Hex	A0E122
RGB	160, 225, 34
RGB Percent	63%, 88%, 13%
CMY	0.3725, 0.1176, 0.8667
CMYK	0.29, 0.00, 0.85, 0.12
HSL	80°, 76%, 51%
HSV	80°, 85%, 88%
XYZ	41.7112, 61.4395, 11.1740
YIQ	183.7910, 22.5710, -73.1810

# Conversions

## Conversions Part 2

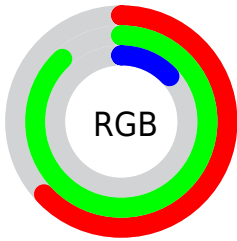
Format	Color
<a href="#">RYB</a>	<a href="#">34, 225, 99</a>
Decimal	<a href="#">10543394</a>
CIELab	<a href="#">82.61, -45.10, 76.39</a>
CIELCh	<a href="#">83, 88.708, 120.557</a>
Yxy	<a href="#">61.4395, 0.3648, 0.5374</a>
Android (android.graphics.Color)	<a href="#">4288733474 (0xFFA0E122)</a>
YUV	<a href="#">183.7910, -73.8470, -20.8647</a>
Hunter-Lab	<a href="#">78.3834, -42.1834, 46.4162</a>

# Details

The Hex color **A0E122** 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 **6322E1**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **DBFF64**, and **66A900** is the 20% darker color. If you saturate the color by 10%, you get **98E10B**, and if you desaturate by 10%, it is **A8E139**.

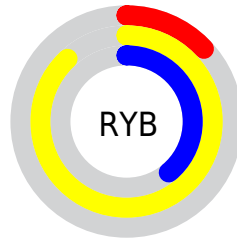
# Distribution



Red (63%)

Green (88%)

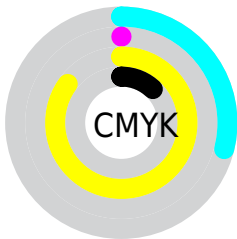
Blue (13%)



Red (13%)

Yellow (88%)

Blue (39%)

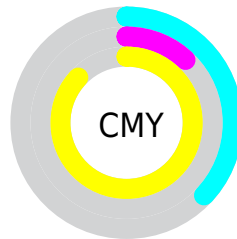


Cyan (29%)

Magenta (0%)

Yellow (85%)

Black (12%)



Cyan (37%)

Magenta (12%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A0E122 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 A0E122 by changing the saturation by 10% instead.



 A0E122

 A0E122

FFFFFF

 83C500

 DBFF64

 66A900

 F9FF81

 488F00

 FFFF9E

 297400

 FFFFBB

 005B00

 FFFFD8

 004300

 FFFFF6

 002D00

 001100

 000000

 A0E122

 A0E122

 98E10B

 A8E139

 94E100

 AFE14F

 B7E166

 BFE17C

 C6E193

 CEE1A9

 D6E1C0

 DDE1D6

 E5E1EC

# Harmonies

## Analogous

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



F3CA00



A0E122



00EE77

# Triad

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



A0E122



00EBFF



FF76D0

# Complementary

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



A0E122



6322E1

# 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



A0E122



00D7FF

# Square

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



A0E122



00F3FF



CCB7FF



FF857E

# Rectangle

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



A0E122



00F2B0



CCB7FF



FF7AEC

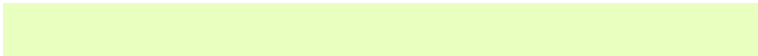


# Sweetspot

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



A0E122



E9FFBF



E16222



728059



000000



808080



# Same Dimension

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



A0E122



A8FF00



42E122



6C7065



74B000



203000



# Inverse Universe

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



6322E1



5700FF



C122E1



696570



3C00B0



100030



# Previews

## White Background



This preview shows how the Hex color A0E122 looks on a white background.

## Color Contrast Check

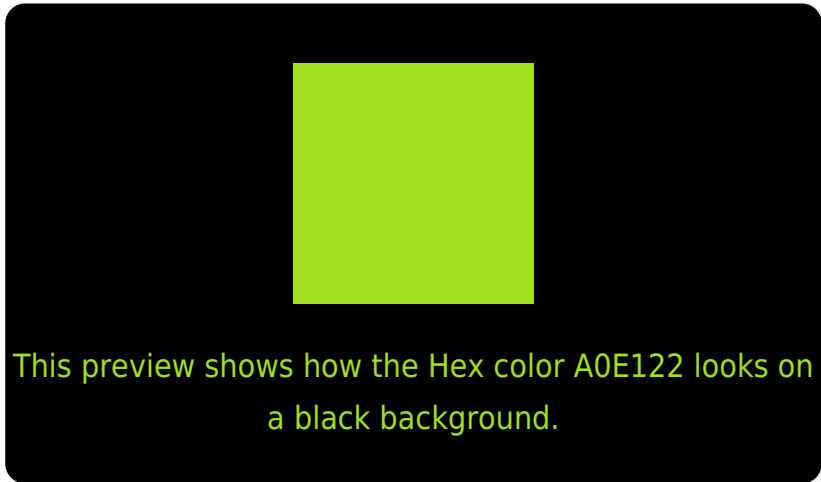
Large Text (above 18pt) WCAG AA × Fail

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 A0E122 Background



This preview shows how black text looks on a background with the Hex color A0E122.



This preview shows how white text looks on a background with the Hex color A0E122.

# 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**  
A0E122

**Protanopia**  
E7CD1C

**Deuteranopia**  
FFC347



**Tritanopia**  
B5D1E2

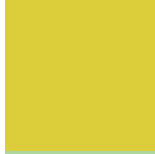
# Trichromacy



**Original Color**  
A0E122



**Protanomaly**  
CDD41E



**Deuteranomaly**  
DCCE3A

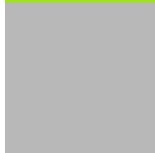


**Tritanomaly**  
ADD79C

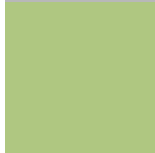
# Monochromacy



**Original Color**  
A0E122



**Achromatopsia**  
B8B8B8



**Achromatomaly**  
AFC781

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A0E122 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 #A0E122 looks like.

```
.text, #text, p{  
    color:#A0E122  
}
```

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 #A0E122 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A0E122
}
```

## Border

The CSS property to change the border of an element to Hex A0E122 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
#A0E122 }
```

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

```
.border{ border-color:#A0E122 }
```

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

Here you see how a box with a 4 pixel #A0E122 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A0E122; -webkit-box-shadow:4px 4px  
4px 4px #A0E122; box-shadow:4px 4px 4px  
4px #A0E122 }
```

# Background

The CSS property to change the background color of an element to Hex A0E122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A0E122 }
```

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

```
.background{ background-color:#A0E122 }
```

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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