

# Converting Colors

Hex(A0A621)

Have a look what the booklet for  
Hex(A0A621) contains.

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**Color**

**Hex(A0A621)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | A0A621                      |
| RGB         | 160, 166, 33                |
| RGB Percent | 63%, 65%, 13%               |
| CMY         | 0.3725, 0.3490, 0.8706      |
| CMYK        | 0.04, 0.00, 0.80, 0.35      |
| HSL         | 63°, 67%, 39%               |
| HSV         | 63°, 80%, 65%               |
| XYZ         | 28.4079, 34.8558, 6.6694    |
| YIQ         | 149.0440, 39.1170, -42.6350 |

# Conversions

## Conversions Part 2

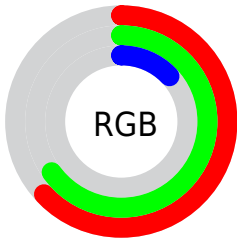
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 33, 166, 39                   |
| Decimal                             | 10528289                      |
| CIE <sub>Lab</sub>                  | 65.64, -17.58, 61.91          |
| CIE <sub>LCh</sub>                  | 66, 64.361, 105.852           |
| Yxy                                 | 34.8558, 0.4062,<br>0.4984    |
| Android<br>(android.graphics.Color) | 4288718369<br>(0xFFA0A621)    |
| YUV                                 | 149.0440, -57.2097,<br>9.6084 |
| Hunter-Lab                          | 59.0388, -17.4284,<br>34.6294 |

# Details

The Hex color **A0A621** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2721A6**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **DADD5B**, and **687200** is the 20% darker color. If you saturate the color by 10%, you get **9FA610**, and if you desaturate by 10%, it is **A1A632**.

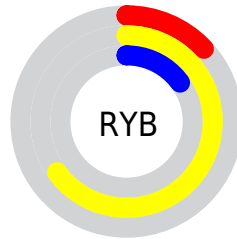
# Distribution



Red (63%)

Green (65%)

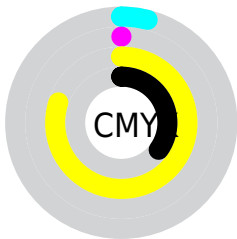
Blue (13%)



Red (13%)

Yellow (65%)

Blue (15%)

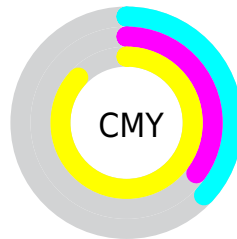


Cyan (4%)

Magenta (0%)

Yellow (80%)

Black (35%)



Cyan (37%)

Magenta (35%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A0A621 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 A0A621 by changing the saturation by 10% instead.





A0A621



A0A621

FFFFFF



848C00



DADD5B



687200



F7F976



4E5A00



FFFF91



334300



FFFFAD



1A2C00



FFF9CA



001A00



FFF7E7



000000



A0A621



A0A621



9FA610



A1A632

 9FA600

 A1A642

 A2A653

 A3A663

 A4A674

 A4A685

 A5A695

 A6A6A6

 A7A6B6

# Harmonies

## Analogous

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



D49326



A0A621



5DB34A

# Triad

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



A0A621



00B8F1



FA6DBD

# Complementary

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



A0A621



2721A6

# 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.



C983F0



A0A621



00AEFF

# Square

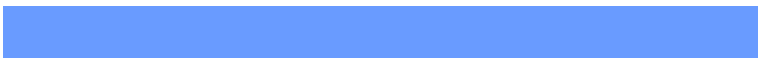
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



A0A621



00BBBD



699BFF



FF6983

# Rectangle

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



A0A621



00B86E



699BFF



EE73D0



# Sweetspot

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



A0A621



D6D9A5



A62521



6C6E4E



EDEDED



6E6E6E



# Same Dimension

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



A0A621



CFD909



5FA621



54544C



8D9400



131400



# Inverse Universe

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



2721A6



1209D9



6821A6



4C4C54



070094



010014



# Previews

## White Background



This preview shows how the Hex color A0A621 looks on a white background.

## Color Contrast Check

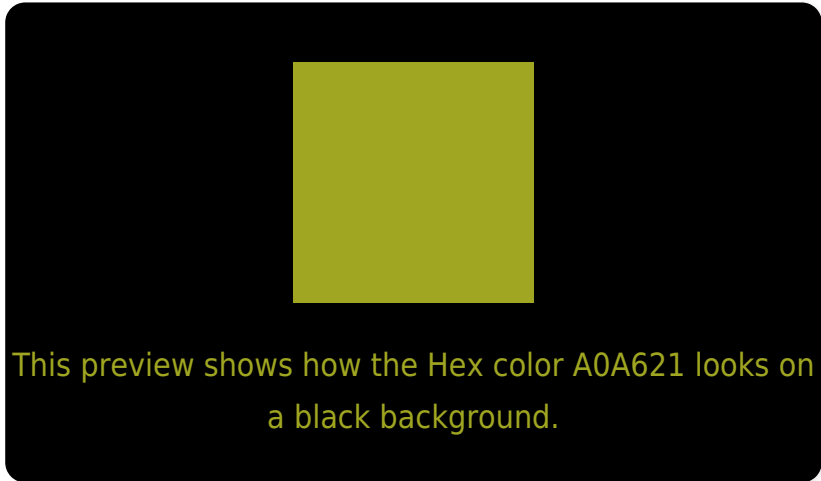
Large Text (above 18pt) WCAG AA × Fail

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 A0A621 Background



This preview shows how black text looks on a background with the Hex color A0A621.



This preview shows how white text looks on a background with the Hex color A0A621.

# 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**  
A0A621

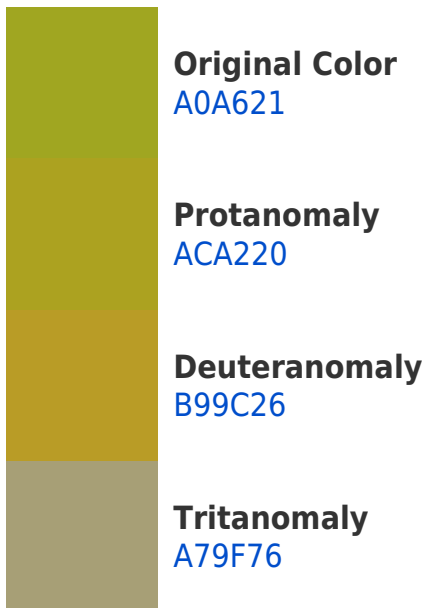
**Protanopia**  
B3A01F

**Deuteranopia**  
C89729

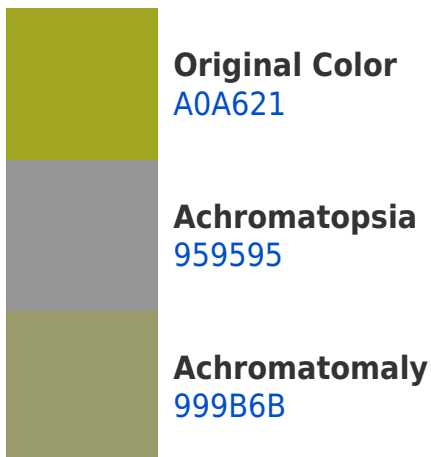


**Tritanopia**  
AB9BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A0A621 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 #A0A621 looks like.

```
.text, #text, p{  
    color:#A0A621  
}
```

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 #A0A621 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A0A621
}
```

## Border

The CSS property to change the border of an element to Hex A0A621 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
#A0A621 }
```

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

```
.border{ border-color:#A0A621 }
```

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

Here you see how a box with a 4 pixel #A0A621 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A0A621; -webkit-box-shadow:4px 4px  
4px 4px #A0A621; box-shadow:4px 4px 4px  
4px #A0A621 }
```

# Background

The CSS property to change the background color of an element to Hex A0A621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A0A621 }
```

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

```
.background{ background-color:#A0A621 }
```

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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