

# Converting Colors

Hex(A0A249)

Have a look what the booklet for  
Hex(A0A249) contains.

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**Color**

**Hex(A0A249)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A0A249
RGB	160, 162, 73
RGB Percent	63%, 64%, 29%
CMY	0.3725, 0.3647, 0.7137
CMYK	0.01, 0.00, 0.55, 0.36
HSL	61°, 38%, 46%
HSV	61°, 55%, 64%
XYZ	28.6201, 33.7953, 11.3180
YIQ	151.2560, 27.3770, -28.1030

# Conversions

## Conversions Part 2

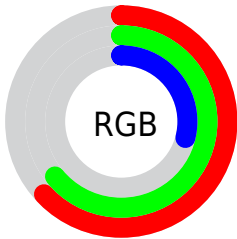
Format	Color
<a href="#">RYB</a>	<a href="#">73, 162, 75</a>
Decimal	<a href="#">10527305</a>
CIELab	<a href="#">64.80, -13.14, 45.27</a>
CIELCh	<a href="#">65, 47.142, 106.190</a>
Yxy	<a href="#">33.7953, 0.3882, 0.4583</a>
Android (android.graphics.Color)	<a href="#">4288717385</a> ( <a href="#">0xFFFA0A249</a> )
YUV	<a href="#">151.2560, -38.5802, 7.6685</a>
Hunter-Lab	<a href="#">58.1337, -13.8557, 29.1504</a>

# Details

The Hex color **A0A249** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4B49A2**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **D9D97C**, and **6A6F15** is the 20% darker color. If you saturate the color by 10%, you get **A0A239**, and if you desaturate by 10%, it is **A0A259**.

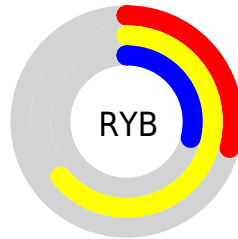
# Distribution



Red (63%)

Green (64%)

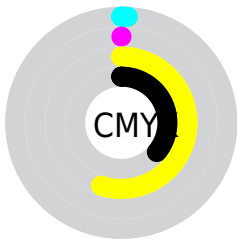
Blue (29%)



Red (29%)

Yellow (64%)

Blue (29%)

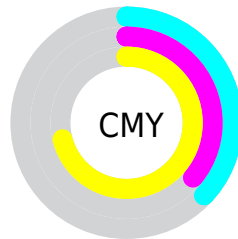


Cyan (1%)

Magenta (0%)

Yellow (55%)

Black (36%)



Cyan (37%)

Magenta (36%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A0A249 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 A0A249 by changing the saturation by 10% instead.



 A0A249

 A0A249

FFFFFF

 858830

 D9D97C

 6A6F15

 F6F597

 505600

 FFFFB3

 383F00

 FFFFCE

 1F2900

 FFFFEB

 001600

 000000

 A0A249

 A0A249

 A0A239

 A0A259

■ 9FA229

■ A1A269

■ 9FA218

■ A1A27A

■ 9FA208

■ A1A28A

■ 9EA200

■ A2A29A

■ A2A2AA

■ A3A2BA

■ A3A2CB

■ A3A2DB

# Harmonies

## Analogous

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



C7944A



A0A249



70AC61

# Triad

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



A0A249



00B0D9



E17CB3

# Complementary

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



A0A249



4B49A2

# 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.



BE89D8



A0A249



00A7EF

# Square

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



A0A249



00B3B3



809AEE



ED7A88

# Rectangle

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



A0A249



47B07A



809AEE



D880C0



# Sweetspot

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



A0A249



D3D4B2



A24A49



6B6B57



EBEBEB



6B6B6B



# Same Dimension

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



A0A249



D1D448



74A249



515249



8E9100



111200



# Inverse Universe

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



4B49A2



4B48D4



7749A2



4A4952



030091



000012



# Previews

## White Background



This preview shows how the Hex color A0A249 looks on a white background.

## Color Contrast Check

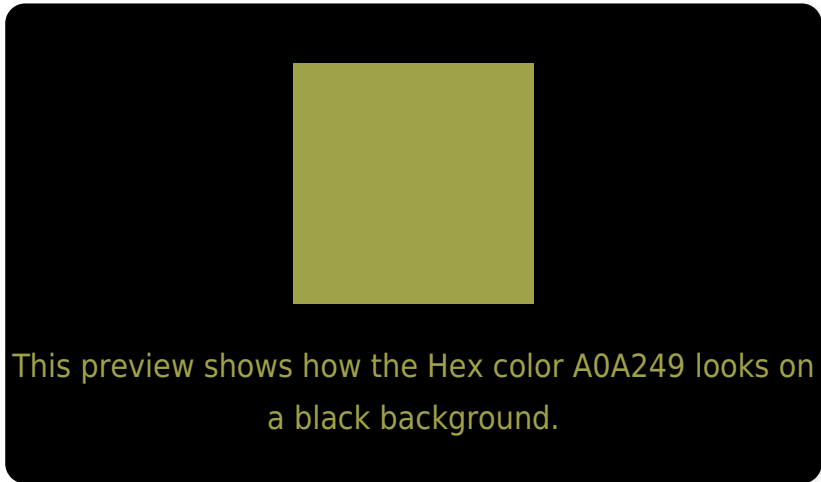
Large Text (above 18pt) WCAG AA × Fail

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

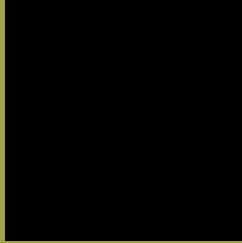
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A0A249 Background



This preview shows how black text looks on a background with the Hex color A0A249.

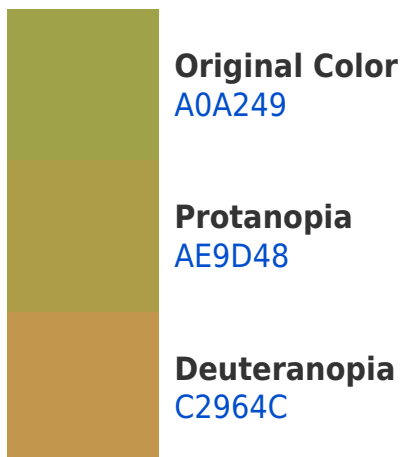


This preview shows how white text looks on a background with the Hex color A0A249.

# 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**  
A998A4

# Trichromacy



**Original Color**  
A0A249

**Protanomaly**  
A99F48

**Deuteranomaly**  
B69A4B

**Tritanomaly**  
A69C83

# Monochromacy



**Original Color**  
A0A249

**Achromatopsia**  
979797

**Achromatomaly**  
9A9B7B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A0A249 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 #A0A249 looks like.

```
.text, #text, p{  
    color:#A0A249  
}
```

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 #A0A249 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A0A249
}
```

## Border

The CSS property to change the border of an element to Hex A0A249 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
#A0A249 }
```

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

```
.border{ border-color:#A0A249 }
```

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

Here you see how a box with a 4 pixel #A0A249 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A0A249; -webkit-box-shadow:4px 4px  
4px 4px #A0A249; box-shadow:4px 4px 4px  
4px #A0A249 }
```

# Background

The CSS property to change the background color of an element to Hex A0A249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A0A249 }
```

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

```
.background{ background-color:#A0A249 }
```

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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