

# Converting Colors

Hex(A69E31)

Have a look what the booklet for  
Hex(A69E31) contains.

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# **Color**

**Hex(A69E31)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A69E31
RGB	166, 158, 49
RGB Percent	65%, 62%, 19%
CMY	0.3490, 0.3804, 0.8078
CMYK	0.00, 0.05, 0.70, 0.35
HSL	56°, 54%, 42%
HSV	56°, 70%, 65%
XYZ	28.5071, 32.7825, 7.7309
YIQ	147.9660, 39.7570, -32.2030

# Conversions

## Conversions Part 2

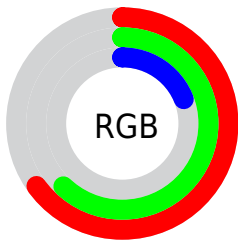
Format	Color
<a href="#">RYB</a>	<a href="#">58, 166, 49</a>
Decimal	<a href="#">10919473</a>
CIELab	<a href="#">63.98, -10.07, 55.09</a>
CIELCh	<a href="#">64, 56.000, 100.360</a>
Yxy	<a href="#">32.7825, 0.4130, 0.4750</a>
Android (android.graphics.Color)	<a href="#">4289109553 (0xFFA69E31)</a>
YUV	<a href="#">147.9660, -48.7902, 15.8158</a>
Hunter-Lab	<a href="#">57.2560, -11.3247, 32.0736</a>

# Details

The Hex color **A69E31** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3139A6**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **E0D466**, and **6F6B00** is the 20% darker color. If you saturate the color by 10%, you get **A69D20**, and if you desaturate by 10%, it is **A69F42**.

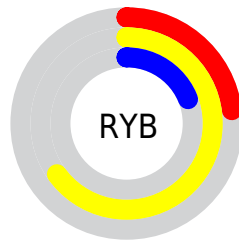
# Distribution



Red (65%)

Green (62%)

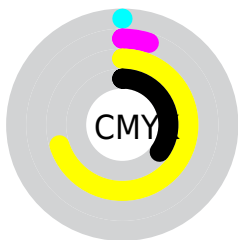
Blue (19%)



Red (23%)

Yellow (65%)

Blue (19%)

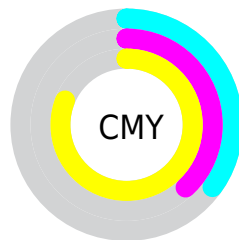


Cyan (0%)

Magenta (5%)

Yellow (70%)

Black (35%)



Cyan (35%)

Magenta (38%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A69E31 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 A69E31 by changing the saturation by 10% instead.



 A69E31

 A69E31

FFFFFF

 8A8412

 E0D466

 6F6B00

 FDF181

 545300

 FFFF9C

 3A3C00

 FFFF88

 212700

 FFFFD4

 001300

 FFFFF1

 000000

 A69E31

 A69E31

 A69D20

 A69F42

 A69C10

 A6A052

 A69B00

 A6A163

 A6A373

 A6A484

 A6A595

 A6A6A5

 A6A7B6

 A6A8C6

# Harmonies

## Analogous

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



D18D3A



A69E31



70AA4B

# Triad

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



A69E31



00B1DB



E574BE

# Complementary

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



A69E31



3139A6

# 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.



B587E8



A69E31



00A9F9

# Square

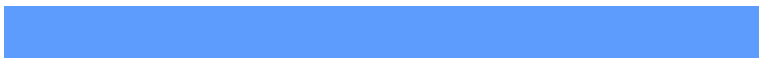
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



A69E31



00B4AB



5D9BFD



F76E8C

# Rectangle

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



A69E31



3CAF67



5D9BFD



D879CD



# Sweetspot

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



A69E31



D9D6AB



A6313B



6E6C52



EDEDED



6E6E6E



# Same Dimension

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



A69E31



D9CC21



75A631



54544C



948A00



141300



# Inverse Universe

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



3139A6



212DD9



6231A6



4C4C54



000A94



000114



# Previews

## White Background



This preview shows how the Hex color A69E31 looks on a white background.

## Color Contrast Check

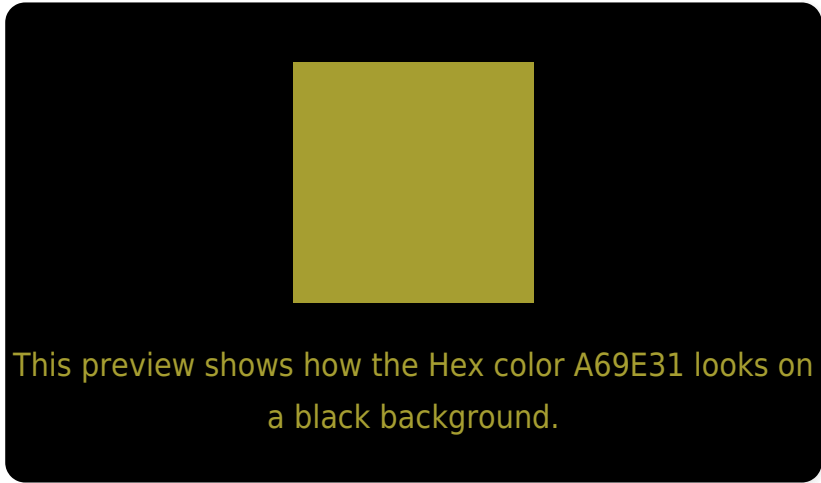
Large Text (above 18pt) WCAG AA × Fail

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

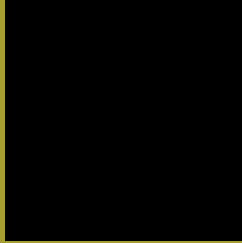
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A69E31 Background



This preview shows how black text looks on a background with the Hex color A69E31.



This preview shows how white text looks on a background with the Hex color A69E31.

# 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**  
A69E31

**Protanopia**  
AE9B30

**Deuteranopia**  
C29335

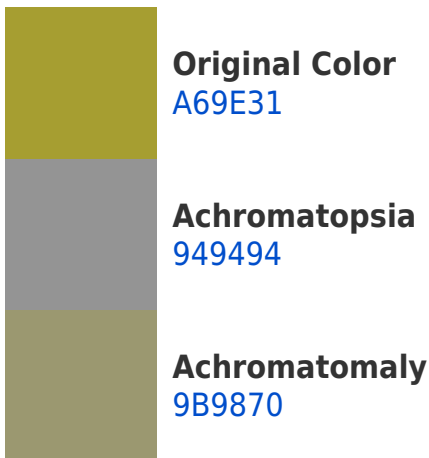


**Tritanopia**  
AF949F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A69E31 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 #A69E31 looks like.

```
.text, #text, p{  
    color:#A69E31  
}
```

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 #A69E31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A69E31
}
```

## Border

The CSS property to change the border of an element to Hex A69E31 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
#A69E31 }
```

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

```
.border{ border-color:#A69E31 }
```

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

Here you see how a box with a 4 pixel #A69E31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A69E31; -webkit-box-shadow:4px 4px  
4px 4px #A69E31; box-shadow:4px 4px 4px  
4px #A69E31 }
```

# Background

The CSS property to change the background color of an element to Hex A69E31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A69E31 }
```

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

```
.background{ background-color:#A69E31 }
```

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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