

Converting Colors

Hex(EAA631)

Have a look what the booklet for
Hex(EAA631) contains.

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Color

Hex(EAA631)

Conversions

Conversions Part 1

Format	Color
Hex	EAA631
RGB	234, 166, 49
RGB Percent	92%, 65%, 19%
CMY	0.0824, 0.3490, 0.8078
CMYK	0.00, 0.29, 0.79, 0.08
HSL	38°, 81%, 55%
HSV	38°, 79%, 92%
XYZ	48.1223, 44.9866, 9.0527
YIQ	172.9940, 78.0850, -21.9710

Conversions

Conversions Part 2

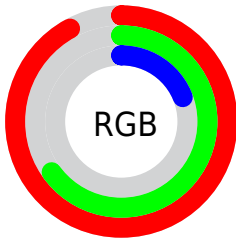
Format	Color
R _Y B	157, 234, 49
Decimal	15377969
CIE Lab	72.88, 15.39, 65.96
CIE LCh	73, 67.728, 76.863
Yxy	44.9866, 0.4710, 0.4403
Android (android.graphics.Color)	4293568049 (0xFFEAA631)
YUV	172.9940, -61.1290, 53.5023
Hunter-Lab	67.0721, 10.6925, 38.9481

Details

The Hex color **EAA631** is a light color, and the websafe version is hex **CC9900**. The color can be described as light washed orange. A complement of this color would be **3175EA**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFDD68**, and **AD7200** is the 20% darker color. If you saturate the color by 10%, you get **EA9D1A**, and if you desaturate by 10%, it is **EAAF48**.

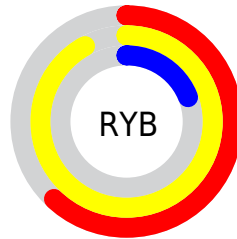
Distribution



Red (92%)

Green (65%)

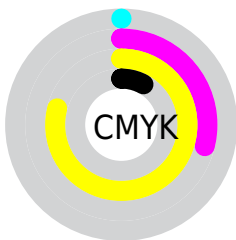
Blue (19%)



Red (62%)

Yellow (92%)

Blue (19%)

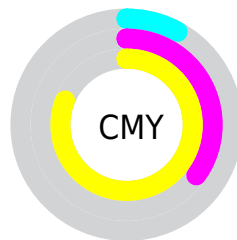


Cyan (0%)

Magenta (29%)

Yellow (79%)

Black (8%)



Cyan (8%)

Magenta (35%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color EAA631 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 EAA631 by changing the saturation by 10% instead.

 EAA631

 EAA631

FFFFFF

 CB8C0E

 FFDD68

 AD7200

 FFF984

 905A00

 FFFF9F

 724200

 FFFFBB

 562C00

 FFFFD8

 3B1700

 FFFFF5

 230000

 000000

 EAA631

 EAA631

EA9D1A

EAAF48

EA9502

EAB760

EA9400

EAC077

EAC88F

EAD1A6

EADABD

EAE2D5

EAEBEC

EAF3FF

Harmonies

Analogous

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



FF8D5A



EAA631



B2BB2F

Triad

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



EAA631



00D1D5



E293FF

Complementary

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



EAA631



3175EA

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.



80AEFF



EAA631



00CDFF

Square

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



EAA631



00CF95



00C2FF



FF7DD1

Rectangle

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



EAA631



84C448



00C2FF



C89CFF

Sweetspot

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



EAA631



FFE9C2



EA3178



80725B



000000



808080

Same Dimension

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



EAA631



FFA60D



D4EA31



75716A



B57300



362200

Inverse Universe

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



3175EA



0D66FF



4731EA



6A6E75



0043B5



001436

Previews

White Background



This preview shows how the Hex color EAA631 looks on a white background.

Color Contrast Check

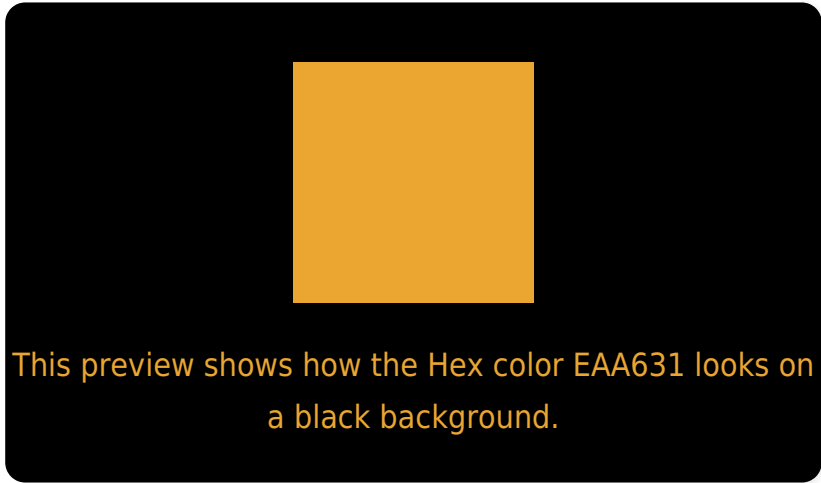
Large Text (above 18pt) WCAG AA × Fail

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 EAA631 Background



This preview shows how black text looks on a background with the Hex color EAA631.

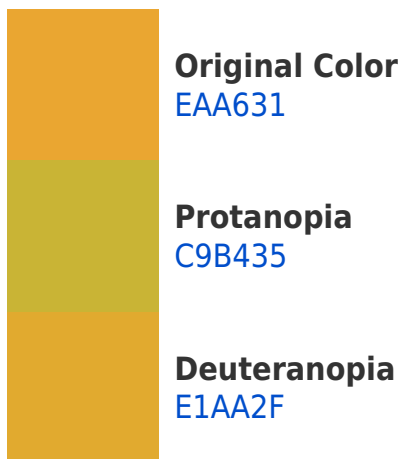


This preview shows how white text looks on a background with the Hex color EAA631.

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](#).

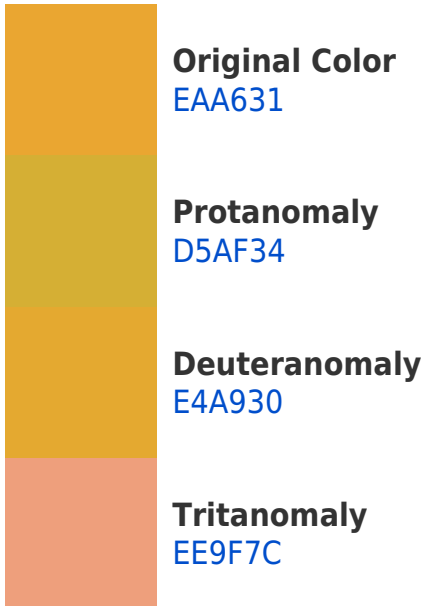
Dichromacy



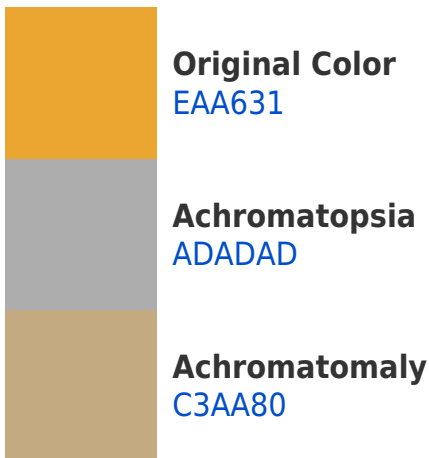


Tritanopia
F19BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EAA631 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 #EAA631 looks like.

```
.text, #text, p{  
    color:#EAA631  
}
```

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 #EAA631 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EAA631
}
```

Border

The CSS property to change the border of an element to Hex EAA631 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
#EAA631 }
```

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

```
.border{ border-color:#EAA631 }
```

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

Here you see how a box with a 4 pixel #EAA631 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EAA631; -webkit-box-shadow:4px 4px  
4px 4px #EAA631; box-shadow:4px 4px 4px  
4px #EAA631 }
```

Background

The CSS property to change the background color of an element to Hex EAA631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EAA631 }
```

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

```
.background{ background-color:#EAA631 }
```

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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