

Converting Colors

Hex(C0A138)

Have a look what the booklet for
Hex(C0A138) contains.

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Color

Hex(C0A138)

Conversions

Conversions Part 1

Format	Color
Hex	C0A138
RGB	192, 161, 56
RGB Percent	75%, 63%, 22%
CMY	0.2471, 0.3686, 0.7804
CMYK	0.00, 0.16, 0.71, 0.25
HSL	46°, 55%, 49%
HSV	46°, 71%, 75%
XYZ	35.1969, 36.9817, 9.0245
YIQ	158.2990, 52.1810, -26.0830

Conversions

Conversions Part 2

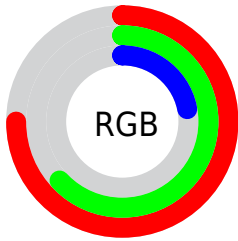
Format	Color
RYB	96, 192, 56
Decimal	12624184
CIELab	67.26, 0.16, 56.36
CIElCh	67, 56.357, 89.838
Yxy	36.9817, 0.4334, 0.4554
Android (android.graphics.Color)	4290814264 (0xFFC0A138)
YUV	158.2990, -50.4334, 29.5558
Hunter-Lab	60.8126, -3.1105, 33.7703

Details

The Hex color **C0A138** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **3857C0**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FBD76D**, and **876E00** is the 20% darker color. If you saturate the color by 10%, you get **C09D25**, and if you desaturate by 10%, it is **C0A54B**.

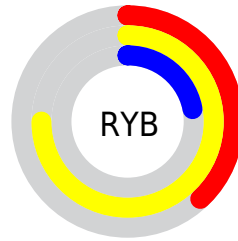
Distribution



Red (75%)

Green (63%)

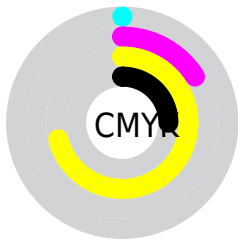
Blue (22%)



Red (38%)

Yellow (75%)

Blue (22%)

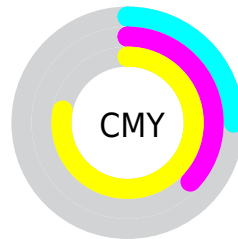


Cyan (0%)

Magenta (16%)

Yellow (71%)

Black (25%)



Cyan (25%)

Magenta (37%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color C0A138 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 C0A138 by changing the saturation by 10% instead.

 C0A138

 C0A138

FFFFFF

 A3871B

 FBD76D

 876E00

 FFF488

 6B5600

 FFFFA3

 503F00

 FFFFBF

 362900

 FFFFDC

 1D1500

 FFFFF9

 000000

 C0A138

 C0A138

 C09D25

 C0A54B

 C09812

 C0AA5E

 C09400

 C0AE72

 C0B385

 C0B798

 C0BBAB

 C0C0BE

 C0C4D2

 C0C8E5

Harmonies

Analogous

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



E88E4C



C0A138



8DB046

Triad

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



C0A138



00BCD5



E182D8

Complementary

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



C0A138



3857C0

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.



A596FC



C0A138



00B6FB

Square

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



C0A138



00BDA2



2EA9FF



FE77A6

Rectangle

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



C0A138



63B65F



2EA9FF



D188E6

Sweetspot

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



COA138



FAEEC5



C03858



7D765E



FCFCFC



7D7D7D

Same Dimension

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



C0A138



FAC925



9CC038



615F57



A17C00



211A00

Inverse Universe

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



3857C0



2556FA



5C38C0



575961



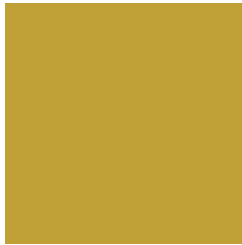
0025A1



000821

Previews

White Background



This preview shows how the Hex color C0A138 looks on a white background.

Color Contrast Check

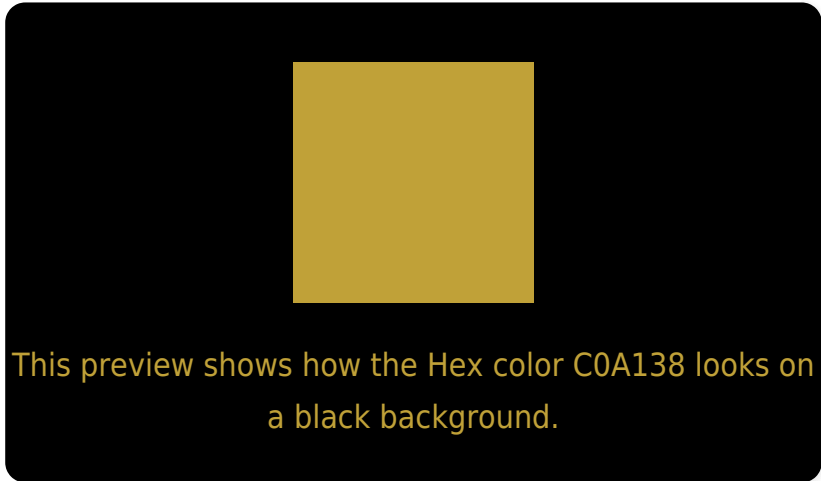
Large Text (above 18pt) WCAG AA × Fail

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 C0A138 Background



This preview shows how black text looks on a background with the Hex color C0A138.

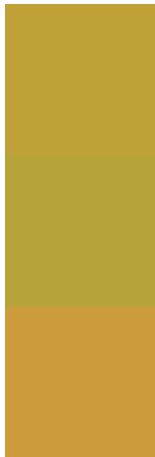


This preview shows how white text looks on a background with the Hex color C0A138.

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
C0A138

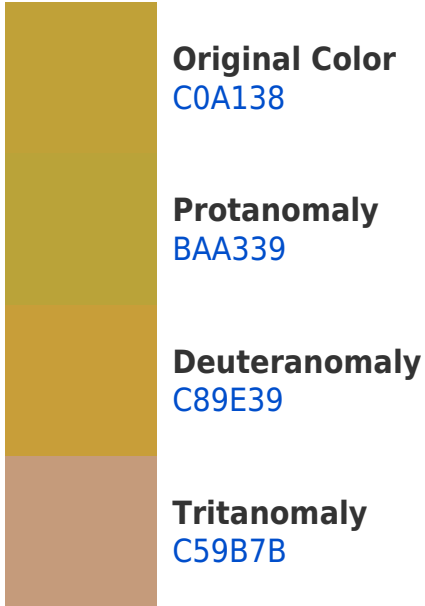
Protanopia
B7A439

Deuteranopia
CD9C3A



Tritanopia
C897A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C0A138 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 #C0A138 looks like.

```
.text, #text, p{  
    color:#C0A138  
}
```

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 #C0A138 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0A138  
}
```

Border

The CSS property to change the border of an element to Hex C0A138 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  
#C0A138 }
```

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

```
.border{ border-color:#C0A138 }
```

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

Here you see how a box with a 4 pixel #C0A138 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0A138; -webkit-box-shadow:4px 4px  
4px 4px #C0A138; box-shadow:4px 4px 4px  
4px #C0A138 }
```

Background

The CSS property to change the background color of an element to Hex C0A138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0A138 }
```

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

```
.background{ background-color:#C0A138 }
```

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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