

Converting Colors

Hex(C0A407)

Have a look what the booklet for
Hex(C0A407) contains.

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Color

Hex(C0A407)

Conversions

Conversions Part 1

Format	Color
Hex	C0A407
RGB	192, 164, 7
RGB Percent	75%, 64%, 3%
CMY	0.2471, 0.3569, 0.9725
CMYK	0.00, 0.15, 0.96, 0.25
HSL	51°, 93%, 39%
HSV	51°, 96%, 75%
XYZ	35.0520, 37.7727, 5.6444
YIQ	154.4740, 67.0850, -42.8910

Conversions

Conversions Part 2

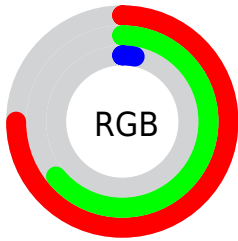
Format	Color
RYB	40, 192, 7
Decimal	12624903
CIELab	67.85, -2.87, 70.00
CIELCh	68, 70.059, 92.352
Yxy	37.7727, 0.4467, 0.4814
Android (android.graphics.Color)	4290814983 (0xFFC0A407)
YUV	154.4740, -72.7047, 32.9103
Hunter-Lab	61.4595, -5.7508, 37.5765

Details

The Hex color **C0A407** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **0723C0**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FCDB4F**, and **867100** is the 20% darker color. If you saturate the color by 10%, you get **C0A300**, and if you desaturate by 10%, it is **C0A71A**.

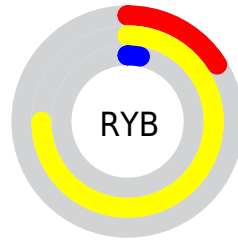
Distribution



Red (75%)

Green (64%)

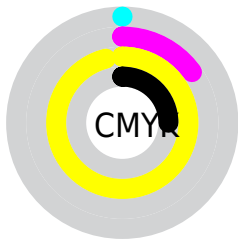
Blue (3%)



Red (16%)

Yellow (75%)

Blue (3%)

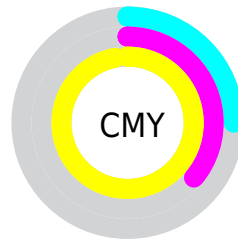


Cyan (0%)

Magenta (15%)

Yellow (96%)

Black (25%)



Cyan (25%)

Magenta (36%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color C0A407 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 C0A407 by changing the saturation by 10% instead.



C0A407



C0A407

FFFFFF



A38A00



FCDB4F



867100



FFF76B



6A5900



FFFF87



4E4200



FFFFA3



342C00



FFFFBF



1B1800



FFFFDC



000000



FFFFFFA



C0A407



C0A407

■ C0A300

■ C0A71A

■ C0AA2D

■ C0AD41

■ C0B054

■ C0B367

■ C0B57A

■ C0B88D

■ C0BBA1

■ C0BEB4

Harmonies

Analogous

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



F28C30



C0A407



80B52E

Triad

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



C0A407



00C2E7



F576E1

Complementary

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



C0A407



0723C0

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.



AB92FF



C0A407



00BBFF

Square

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



C0A407



00C3A9



00ABFF



FF66A3

Rectangle

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



C0A407



41BC53



00ABFF



E27FF3

Sweetspot

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



COA407



FAEFB1



C00726



7D7651



FCFCFC



7D7D7D

Same Dimension

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



C0A407



FAD400



82C007



615F57



A18800



211C00

Inverse Universe

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



0723C0



0026FA



4507C0



575961



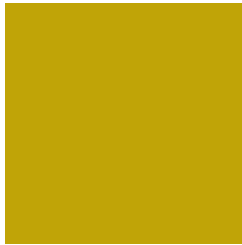
0018A1



000521

Previews

White Background



This preview shows how the Hex color C0A407 looks on a white background.

Color Contrast Check

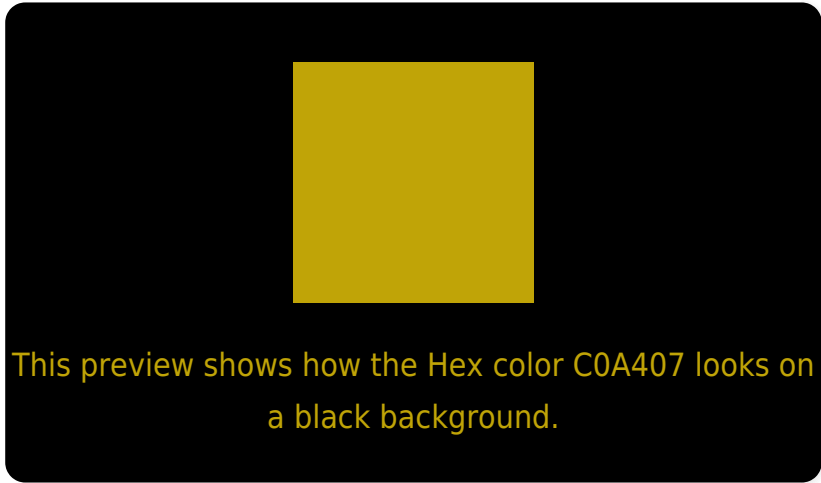
Large Text (above 18pt) WCAG AA × Fail

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 C0A407 Background



This preview shows how black text looks on a background with the Hex color C0A407.

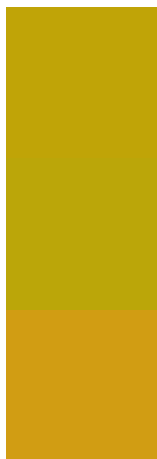


This preview shows how white text looks on a background with the Hex color C0A407.

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
C0A407

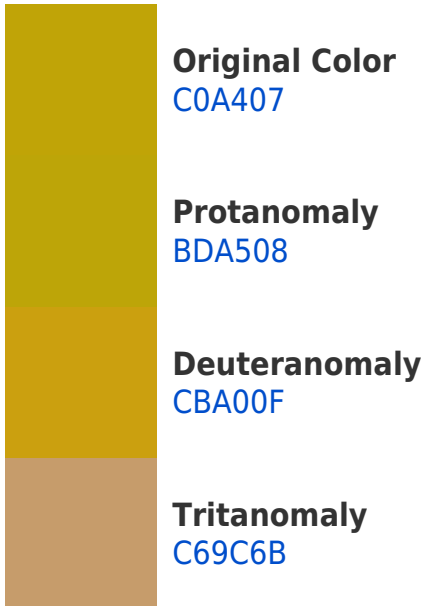
Protanopia
BBA609

Deuteranopia
D19D13

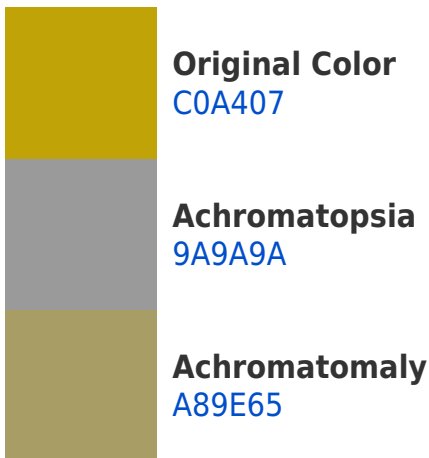


Tritanopia
C998A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C0A407 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 #C0A407 looks like.

```
.text, #text, p{  
    color:#C0A407  
}
```

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 #C0A407 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0A407
}
```

Border

The CSS property to change the border of an element to Hex C0A407 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
#C0A407 }
```

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

```
.border{ border-color:#C0A407 }
```

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

Here you see how a box with a 4 pixel #C0A407 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0A407; -webkit-box-shadow:4px 4px  
4px 4px #C0A407; box-shadow:4px 4px 4px  
4px #C0A407 }
```

Background

The CSS property to change the background color of an element to Hex C0A407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0A407 }
```

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

```
.background{ background-color:#C0A407 }
```

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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