

# Converting Colors

Hex(C3A406)

Have a look what the booklet for  
Hex(C3A406) contains.

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**Color**

**Hex(C3A406)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C3A406
RGB	195, 164, 6
RGB Percent	76%, 64%, 2%
CMY	0.2353, 0.3569, 0.9765
CMYK	0.00, 0.16, 0.97, 0.24
HSL	50°, 94%, 39%
HSV	50°, 97%, 76%
XYZ	35.8140, 38.1662, 5.6515
YIQ	155.2570, 69.1940, -42.5660

# Conversions

## Conversions Part 2

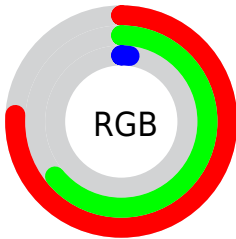
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">43, 195, 6</a>
Decimal	<a href="#">12821510</a>
<a href="#">CIELab</a>	<a href="#">68.14, -1.55, 70.47</a>
<a href="#">CIELCh</a>	<a href="#">68, 70.486, 91.256</a>
<a href="#">Yxy</a>	<a href="#">38.1662, 0.4497, 0.4793</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4291011590 (0xFFC3A406)</a>
<a href="#">YUV</a>	<a href="#">155.2570, -73.5837, 34.8546</a>
<a href="#">Hunter-Lab</a>	<a href="#">61.7788, -4.6339, 37.8213</a>

# Details

The Hex color **C3A406** 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 **0625C3**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFDB4E**, and **887100** is the 20% darker color. If you saturate the color by 10%, you get **C3A300**, and if you desaturate by 10%, it is **C3A719**.

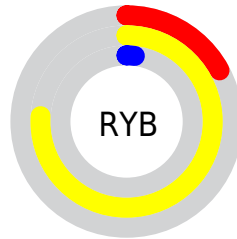
# Distribution



Red (76%)

Green (64%)

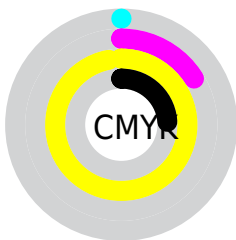
Blue (2%)



Red (17%)

Yellow (76%)

Blue (2%)

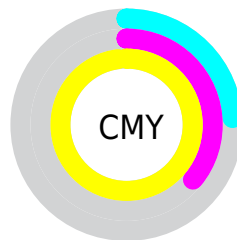


Cyan (0%)

Magenta (16%)

Yellow (97%)

Black (24%)



Cyan (24%)

Magenta (36%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C3A406 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 C3A406 by changing the saturation by 10% instead.



 C3A406

 C3A406

FFFFFF

 A58A00

 FFDB4E

 887100

 FFF76B

 6C5900

 FFFF86

 504200

 FFFFA3

 362C00

 FFFFBF

 1E1800

 FFFFDC

 000000

 FFFFFA

 C3A406

 C3A406

■ C3A300

■ C3A719

■ C3AA2D

■ C3AE41

■ C3B154

■ C3B468

■ C3B77B

■ C3BA8F

■ C3BEA2

■ C3C1B6

# Harmonies

## Analogous

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



F58B32



C3A406



83B52B

# Triad

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



C3A406



00C3E7



F577E4

# Complementary

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



C3A406



0625C3

# 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.



A894FF



C3A406



00BCFF

# Square

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



C3A406



00C4A7



00ADFF



FF66A6

# Rectangle

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



C3A406



46BD51



00ADFF



E080F7

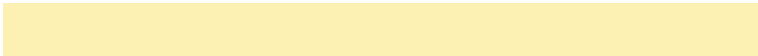


# Sweetspot

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



C3A406



FCF0B3



C30626



807853



000000



808080



# Same Dimension

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



C3A406



FCD300



84C306



615F57



A18600



211C00



# Inverse Universe

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



0625C3



0029FC



4506C3



575961



001AA1

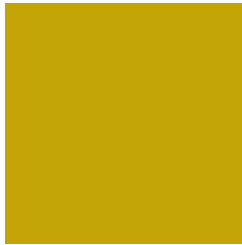


000521



# Previews

## White Background



This preview shows how the Hex color C3A406 looks on a white background.

## Color Contrast Check

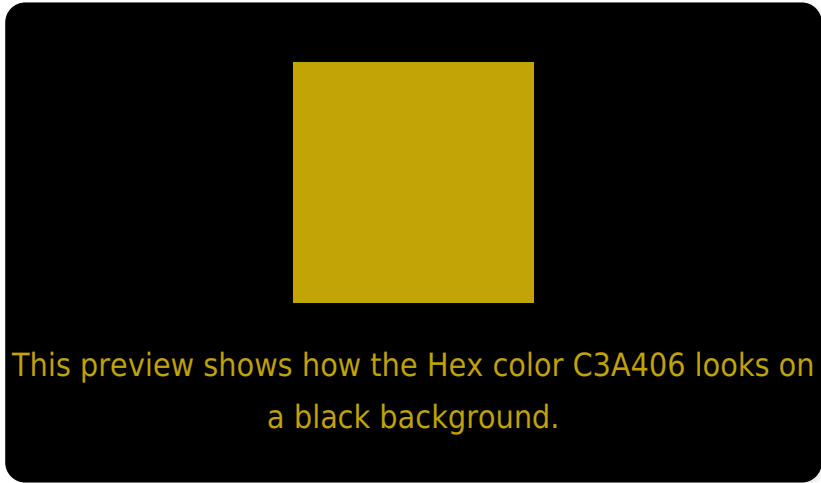
Large Text (above 18pt) WCAG AA × Fail

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 C3A406 Background



This preview shows how black text looks on a background with the Hex color C3A406.



This preview shows how white text looks on a background with the Hex color C3A406.

# 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**  
C3A406

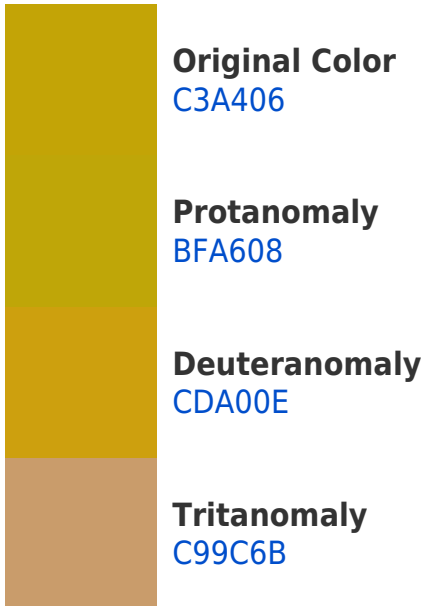
**Protanopia**  
BCA709

**Deuteranopia**  
D29E12

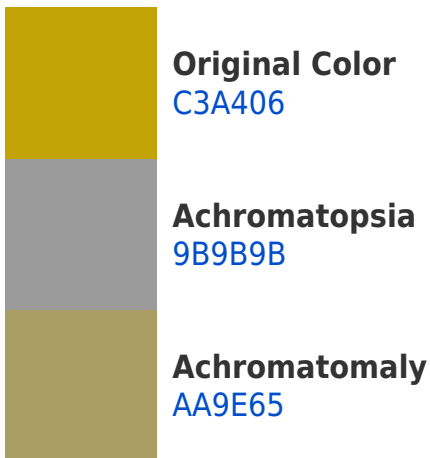


**Tritanopia**  
CC98A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C3A406 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 #C3A406 looks like.

```
.text, #text, p{  
    color:#C3A406  
}
```

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 #C3A406 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3A406
}
```

## Border

The CSS property to change the border of an element to Hex C3A406 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
#C3A406 }
```

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

```
.border{ border-color:#C3A406 }
```

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

Here you see how a box with a 4 pixel #C3A406 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3A406; -webkit-box-shadow:4px 4px  
4px 4px #C3A406; box-shadow:4px 4px 4px  
4px #C3A406 }
```

# Background

The CSS property to change the background color of an element to Hex C3A406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3A406 }
```

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

```
.background{ background-color:#C3A406 }
```

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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