

Converting Colors

Hex(C0A354)

Have a look what the booklet for
Hex(C0A354) contains.

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Color

Hex(C0A354)

Conversions

Conversions Part 1

Format	Color
Hex	C0A354
RGB	192, 163, 84
RGB Percent	75%, 64%, 33%
CMY	0.2471, 0.3608, 0.6706
CMYK	0.00, 0.15, 0.56, 0.25
HSL	44°, 46%, 54%
HSV	44°, 56%, 75%
XYZ	36.4357, 38.0409, 13.8098
YIQ	162.6650, 42.6430, -18.4210

Conversions

Conversions Part 2

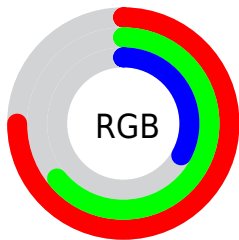
Format	Color
RYB	124, 192, 84
Decimal	12624724
CIELab	68.05, 0.93, 44.43
CIELCh	68, 44.439, 88.802
Yxy	38.0409, 0.4127, 0.4309
Android (android.graphics.Color)	4290814804 (0xFFC0A354)
YUV	162.6650, -38.7818, 25.7268
Hunter-Lab	61.6773, -2.4872, 29.8989

Details

The Hex color **C0A354** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **5471C0**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FBDA88**, and **887022** is the 20% darker color. If you saturate the color by 10%, you get **C09E41**, and if you desaturate by 10%, it is **C0A867**.

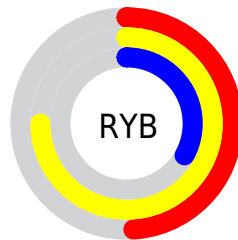
Distribution



Red (75%)

Green (64%)

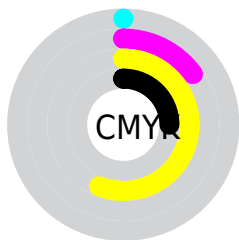
Blue (33%)



Red (49%)

Yellow (75%)

Blue (33%)

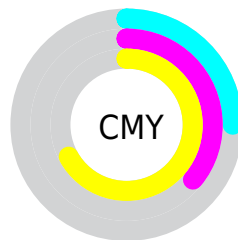


Cyan (0%)

Magenta (15%)

Yellow (56%)

Black (25%)



Cyan (25%)

Magenta (36%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color C0A354 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 C0A354 by changing the saturation by 10% instead.

 C0A354

 C0A354

FFFFFF

 A4893B

 FBDA88

 887022

 FFF6A3

 6D5705

 FFFFBE

 534000

 FFFFFDA

 392B00

 FFFFFFF7

 201600

 000000

 C0A354

 C0A354

 C09E41

 C0A867

 C0992E

 C0AD7A

 C0941A

 C0B28E

 C08E07

 C0B8A1

 C08C00

 C0BDB4

 C0C2C7

 C0C7DA

 C0CCEE

 C0D1FF

Harmonies

Analogous

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



E09562



C0A354



97AF5D

Triad

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



C0A354



00BACB



D68DD0

Complementary

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



C0A354



5471C0

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.



A79CEC



C0A354



00B5EA

Square

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



C0A354



0DBAA3



60AAF6



EF85A9

Rectangle

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



C0A354



78B56F



60AAF6



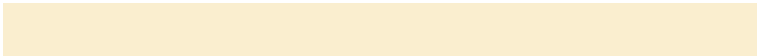
C992DB

Sweetspot

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



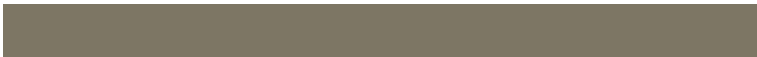
C0A354



FAEECF



C05473



7D7664



FCFCFC



7D7D7D

Same Dimension

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



C0A354



FACC50



A9C054



615E57



A17600



211800

Inverse Universe

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



5471C0



507EFA



6B54C0



575A61



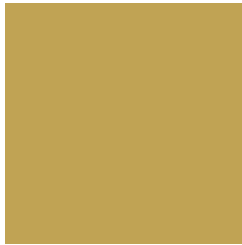
002BA1



000921

Previews

White Background



This preview shows how the Hex color C0A354 looks on a white background.

Color Contrast Check

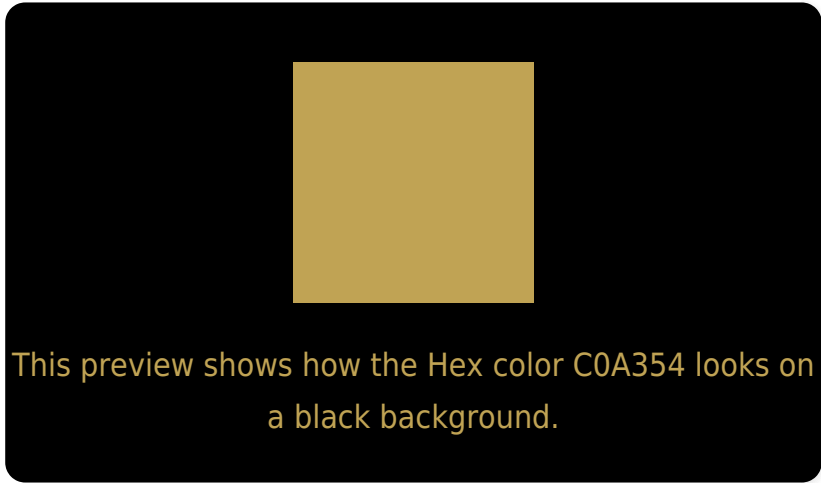
Large Text (above 18pt) WCAG AA × Fail

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

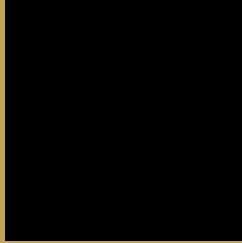
Any Text WCAG AA ✓ Pass

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 C0A354 Background



This preview shows how black text looks on a background with the Hex color C0A354.

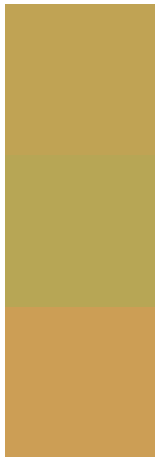


This preview shows how white text looks on a background with the Hex color C0A354.

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
C0A354

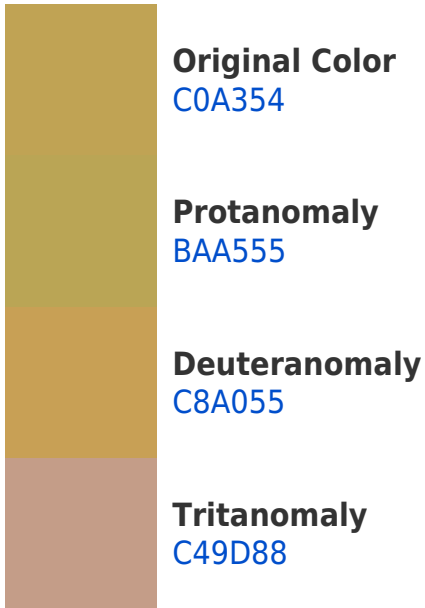
Protanopia
B7A655

Deuteranopia
CC9E55

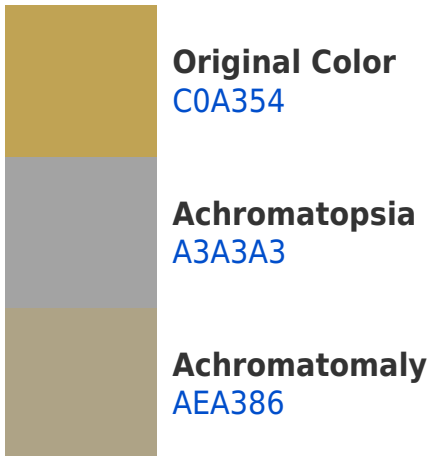


Tritanopia
C79AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C0A354 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 #C0A354 looks like.

```
.text, #text, p{  
    color:#C0A354  
}
```

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 #C0A354 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0A354
}
```

Border

The CSS property to change the border of an element to Hex C0A354 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
#C0A354 }
```

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

```
.border{ border-color:#C0A354 }
```

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

Here you see how a box with a 4 pixel #C0A354 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0A354; -webkit-box-shadow:4px 4px  
4px 4px #C0A354; box-shadow:4px 4px 4px  
4px #C0A354 }
```

Background

The CSS property to change the background color of an element to Hex C0A354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0A354 }
```

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

```
.background{ background-color:#C0A354 }
```

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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