

Converting Colors

Hex(CA9553)

Have a look what the booklet for
Hex(CA9553) contains.

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Color

Hex(CA9553)

Conversions

Conversions Part 1

Format	Color
Hex	CA9553
RGB	202, 149, 83
RGB Percent	79%, 58%, 33%
CMY	0.2078, 0.4157, 0.6745
CMYK	0.00, 0.26, 0.59, 0.21
HSL	33°, 53%, 56%
HSV	33°, 59%, 79%
XYZ	36.6659, 34.6760, 12.9442
YIQ	157.3230, 52.7740, -9.2900

Conversions

Conversions Part 2

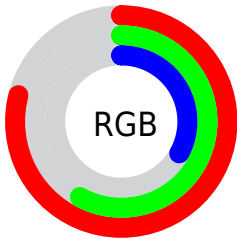
Format	Color
RYB	179, 202, 83
Decimal	13276499
CIELab	65.50, 12.71, 42.17
CIELCh	65, 44.041, 73.231
Yxy	34.6760, 0.4350, 0.4114
Android (android.graphics.Color)	4291466579 (0xFFCA9553)
YUV	157.3230, -36.6412, 39.1817
Hunter-Lab	58.8863, 8.0930, 28.1874

Details

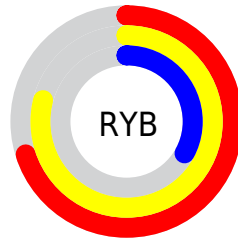
The Hex color **CA9553** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **5388CA**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFCB86**, and **916222** is the 20% darker color. If you saturate the color by 10%, you get **CA8C3F**, and if you desaturate by 10%, it is **CA9E67**.

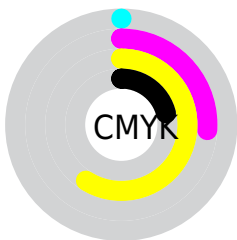
Distribution



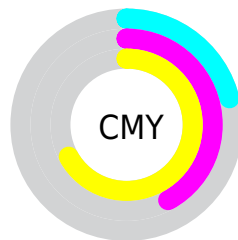
- Red (79%)
- Green (58%)
- Blue (33%)



- Red (70%)
- Yellow (79%)
- Blue (33%)



- Cyan (0%)
- Magenta (26%)
- Yellow (59%)
- Black (21%)



- Cyan (21%)
- Magenta (42%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA9553 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 CA9553 by changing the saturation by 10% instead.

CA9553

CA9553

FFFFFF

AD7B3A

FFCB86

916222

FFE7A1

754B07

FFFFBC

5A3400

FFFFD8

3F1F00

FFFFF5

260900

000000

CA9553

CA9553

CA8C3F

CA9E67

■ CA832B

■ CAA77B

■ CA7A16

■ CAB090

■ CA7102

■ CAB9A4

■ CA7000

■ CAC2B8

■ CACBCC

■ CAD4E0

■ CADD5F

■ CAE6FF

Harmonies

Analogous

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



E2876B



CA9553



A6A250

Triad

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



CA9553



00B4B0



B98ED9

Complementary

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



CA9553



5388CA

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.



7F9DEC



CA9553



00B1D4

Square

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



CA9553



41B287



19A9EA



DD82B7

Rectangle

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



CA9553



8AA95B



19A9EA



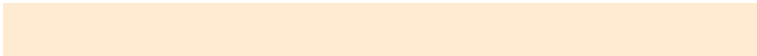
A893E1

Sweetspot

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



CA9553



FFEBD1



CA5389



807363



000000



808080

Same Dimension

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



CA9553



FFAE4A



C4CA53



66615C



A65C00



261500

Inverse Universe

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



5388CA



4A9BFF



5953CA



5C6066



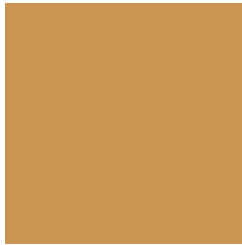
004AA6



001126

Previews

White Background



This preview shows how the Hex color CA9553 looks on a white background.

Color Contrast Check

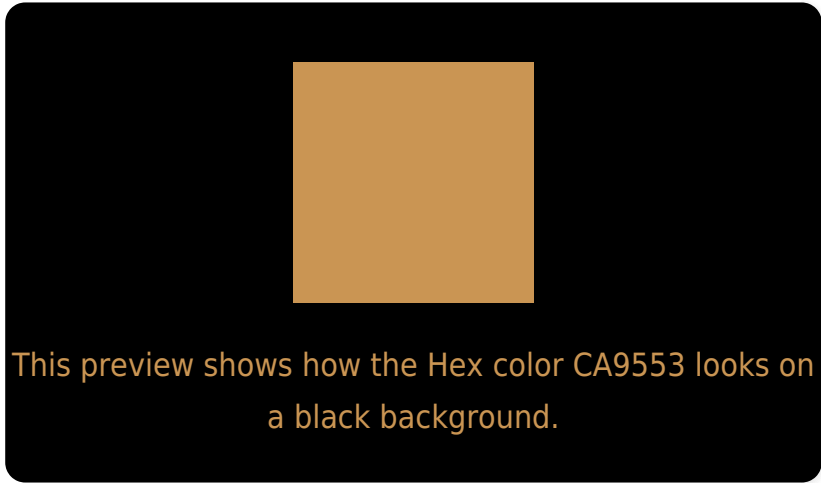
Large Text (above 18pt) WCAG AA × Fail

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

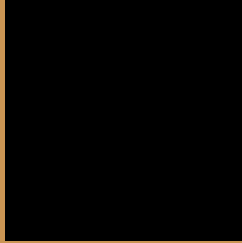
Any Text WCAG AA ✓ Pass

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 CA9553 Background



This preview shows how black text looks on a background with the Hex color CA9553.

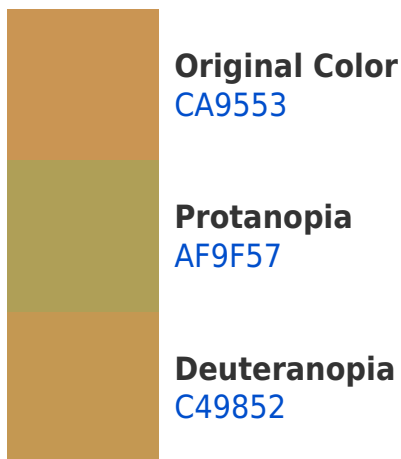


This preview shows how white text looks on a background with the Hex color CA9553.

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](#).

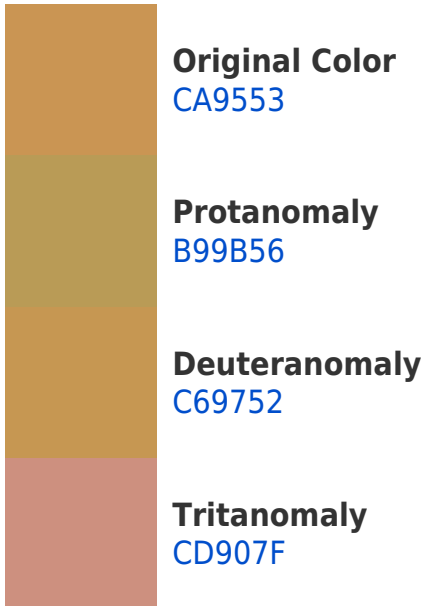
Dichromacy





Tritanopia
CF8D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CA9553 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 #CA9553 looks like.

```
.text, #text, p{  
    color:#CA9553  
}
```

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 #CA9553 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA9553
}
```

Border

The CSS property to change the border of an element to Hex CA9553 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
#CA9553 }
```

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

```
.border{ border-color:#CA9553 }
```

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

Here you see how a box with a 4 pixel #CA9553 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA9553; -webkit-box-shadow:4px 4px  
4px 4px #CA9553; box-shadow:4px 4px 4px  
4px #CA9553 }
```

Background

The CSS property to change the background color of an element to Hex CA9553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA9553 }
```

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

```
.background{ background-color:#CA9553 }
```

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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