

# Converting Colors

Hex(CC9953)

Have a look what the booklet for  
Hex(CC9953) contains.

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**Color**

**Hex(CC9953)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CC9953
RGB	204, 153, 83
RGB Percent	80%, 60%, 33%
CMY	0.2000, 0.4000, 0.6745
CMYK	0.00, 0.25, 0.59, 0.20
HSL	35°, 54%, 56%
HSV	35°, 59%, 80%
XYZ	37.8544, 36.2444, 13.1843
YIQ	160.2690, 52.8660, -10.9580

# Conversions

## Conversions Part 2

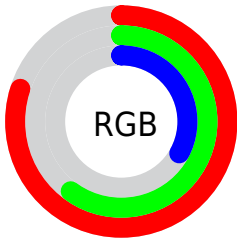
Format	Color
<a href="#">RYB</a>	<a href="#">171, 204, 83</a>
Decimal	<a href="#">13408595</a>
CIELab	<a href="#">66.71, 11.38, 43.65</a>
CIElCh	<a href="#">67, 45.110, 75.389</a>
Yxy	<a href="#">36.2444, 0.4337, 0.4153</a>
Android (android.graphics.Color)	<a href="#">4291598675</a> ( <a href="#">0xFFCC9953</a> )
YUV	<a href="#">160.2690, -38.0936, 38.3521</a>
Hunter-Lab	<a href="#">60.2033, 6.8808, 29.1580</a>

# Details

The Hex color **CC9953** 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 **5386CC**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFCF86**, and **936622** is the 20% darker color. If you saturate the color by 10%, you get **CC903F**, and if you desaturate by 10%, it is **CCA267**.

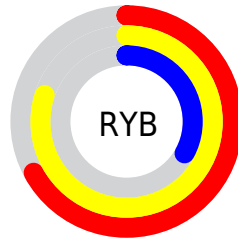
# Distribution



Red (80%)

Green (60%)

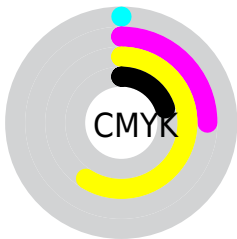
Blue (33%)



Red (67%)

Yellow (80%)

Blue (33%)

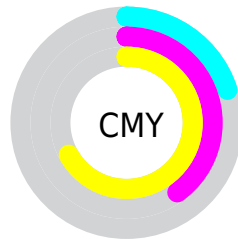


Cyan (0%)

Magenta (25%)

Yellow (59%)

Black (20%)



Cyan (20%)

Magenta (40%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC9953 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 CC9953 by changing the saturation by 10% instead.



 CC9953

 CC9953

FFFFFF

 AF7F3A

 FFCF86

 936622

 FFEBA1

 774E06

 FFFFBD

 5C3700

 FFFFD9

 412200

 FFFFF5

 270E00

 000000

 CC9953

 CC9953

 CC903F

 CCA267

 CC882A

 CCAA7C

 CC7F16

 CCB390

 CC7701

 CCBBA5

 CC7600

 CCC4B9

 CCCDCD

 CCD5E2

 CCDEF6

 CCE6FF

# Harmonies

## Analogous

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



E68B6A



CC9953



A7A752

# Triad

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



CC9953



00B7B6



C090DC

# Complementary

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



CC9953



5386CC

# 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.



869FF0



CC9953



00B4DB

# Square

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



CC9953



3BB68C



24ACF0



E483B8

# Rectangle

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



CC9953



89AE5E



24ACF0



B095E5



# Sweetspot

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



CC9953



FFECD1



CC5387



807463



000000



808080



# Same Dimension

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



CC9953



FFB34A



C4CC53



66625C



A66000



261600



# Inverse Universe

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



5386CC



4A96FF



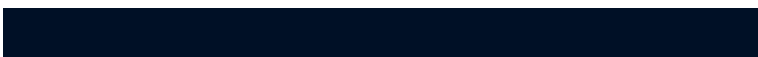
5B53CC



5C6066



0046A6

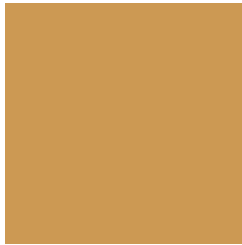


001026



# Previews

## White Background



This preview shows how the Hex color CC9953 looks on a white background.

## Color Contrast Check

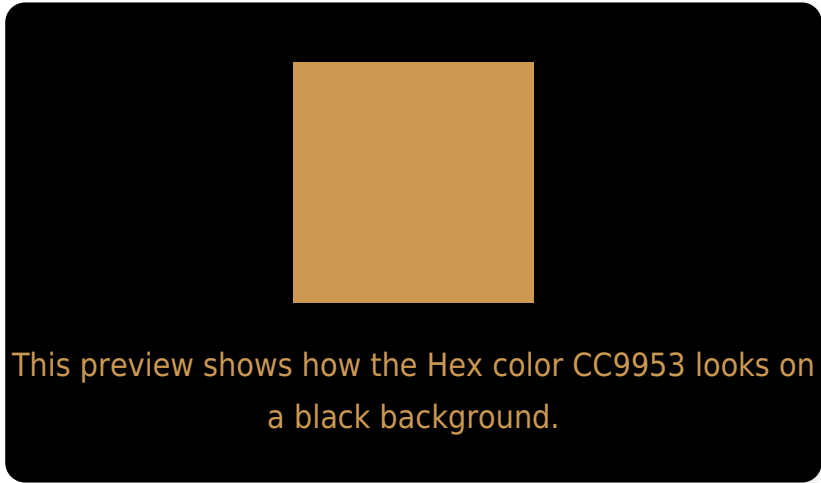
Large Text (above 18pt) WCAG AA × Fail

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

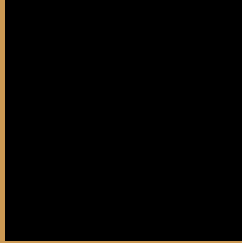
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CC9953 Background



This preview shows how black text looks on a background with the Hex color CC9953.



This preview shows how white text looks on a background with the Hex color CC9953.

# 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**  
CC9953

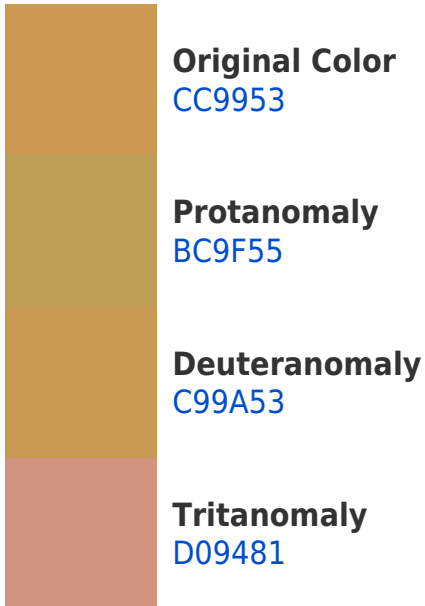
**Protanopia**  
B3A356

**Deuteranopia**  
C89B53

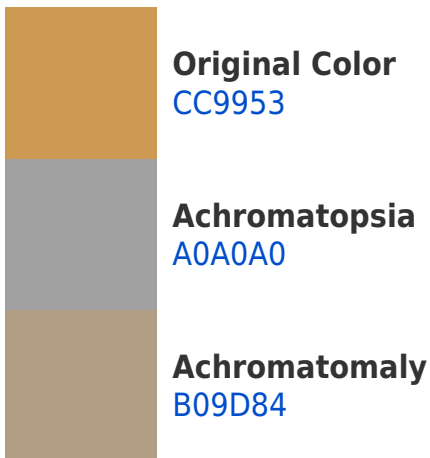


**Tritanopia**  
D2919C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC9953 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 #CC9953 looks like.

```
.text, #text, p{  
    color:#CC9953  
}
```

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 #CC9953 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC9953
}
```

## Border

The CSS property to change the border of an element to Hex CC9953 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
#CC9953 }
```

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

```
.border{ border-color:#CC9953 }
```

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

Here you see how a box with a 4 pixel #CC9953 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC9953; -webkit-box-shadow:4px 4px  
4px 4px #CC9953; box-shadow:4px 4px 4px  
4px #CC9953 }
```

# Background

The CSS property to change the background color of an element to Hex CC9953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC9953 }
```

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

```
.background{ background-color:#CC9953 }
```

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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