

Converting Colors

Hex(CCA950)

Have a look what the booklet for
Hex(CCA950) contains.

Hex(CCA950)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CCA950)

Conversions

Conversions Part 1

Format	Color
Hex	CCA950
RGB	204, 169, 80
RGB Percent	80%, 66%, 31%
CMY	0.2000, 0.3373, 0.6863
CMYK	0.00, 0.17, 0.61, 0.20
HSL	43°, 55%, 56%
HSV	43°, 61%, 80%
XYZ	40.5378, 41.7925, 13.5196
YIQ	169.3190, 49.4290, -20.2590

Conversions

Conversions Part 2

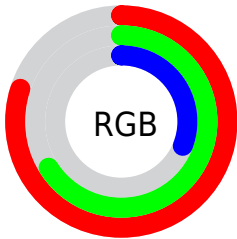
Format	Color
RYB	129, 204, 80
Decimal	13412688
CIELab	70.73, 2.54, 49.75
CIELCh	71, 49.818, 87.077
Yxy	41.7925, 0.4229, 0.4360
Android (android.graphics.Color)	4291602768 (0xFFCCA950)
YUV	169.3190, -44.0343, 30.4152
Hunter-Lab	64.6471, -1.2018, 32.8537

Details

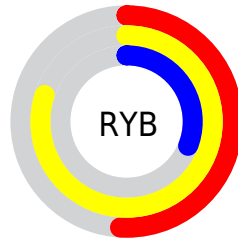
The Hex color **CCA950** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **5073CC**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFE084**, and **93751C** is the 20% darker color. If you saturate the color by 10%, you get **CCA33C**, and if you desaturate by 10%, it is **CCAF64**.

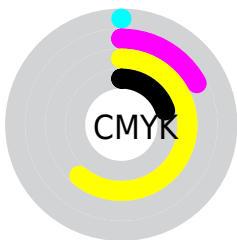
Distribution



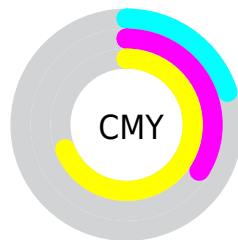
- Red (80%)
- Green (66%)
- Blue (31%)



- Red (51%)
- Yellow (80%)
- Blue (31%)



- Cyan (0%)
- Magenta (17%)
- Yellow (61%)
- Black (20%)



- Cyan (20%)
- Magenta (34%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCA950 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 CCA950 by changing the saturation by 10% instead.

 CCA950

 CCA950

FFFFFF

 AF8F36

 FFE084

 93751C

 FFFD9F

 775D00

 FFFFBB

 5C4500

 FFFFD7

 422F00

 FFFFF4

 281B00

 0B0100

 000000

 CCA950

 CCA950

■ CCA33C

■ CCAF64

■ CC9D27

■ CCB579

■ CC9813

■ CCBA8D

■ CC9200

■ CCC0A2

■ CCC6B6

■ CCCCCA

■ CCD1DF

■ CCD7F3

■ CCDDFF

Harmonies

Analogous

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



EF9962



CCA950



9FB759

Triad

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



CCA950



00C4D5



E192DF

Complementary

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



CCA950



5073CC

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.



A9A3FE



CCA950



00BEF8

Square

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



CCA950



00C4A7



51B3FF



FE87B3

Rectangle

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



CCA950



7BBD6D



51B3FF



D197EB

Sweetspot

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



CCA950



FFF2D1



CC5073



807863



000000



808080

Same Dimension

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



CCA950



FFCA45



B1CC50



66635C



A67700



261B00

Inverse Universe

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



5073CC



4579FF



6B50CC



5C5F66



002FA6



000B26

Previews

White Background



This preview shows how the Hex color CCA950 looks on a white background.

Color Contrast Check

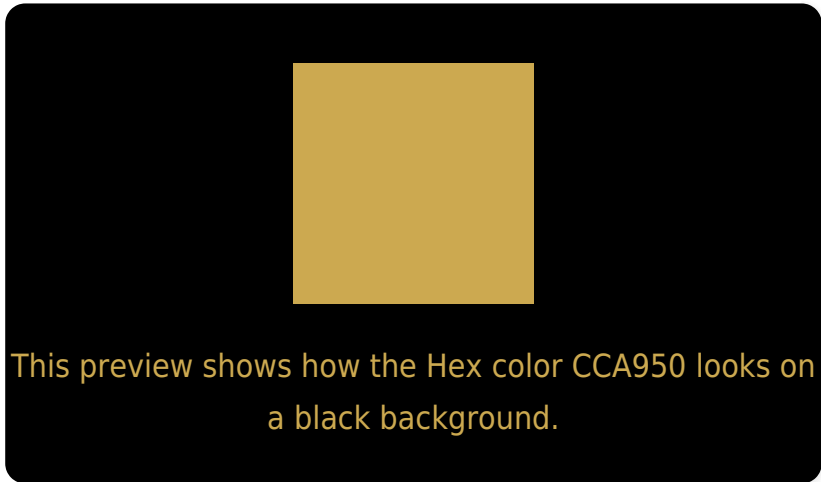
Large Text (above 18pt) WCAG AA × Fail

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 CCA950 Background



This preview shows how black text looks on a background with the Hex color CCA950.

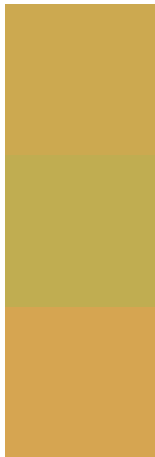


This preview shows how white text looks on a background with the Hex color CCA950.

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
CCA950

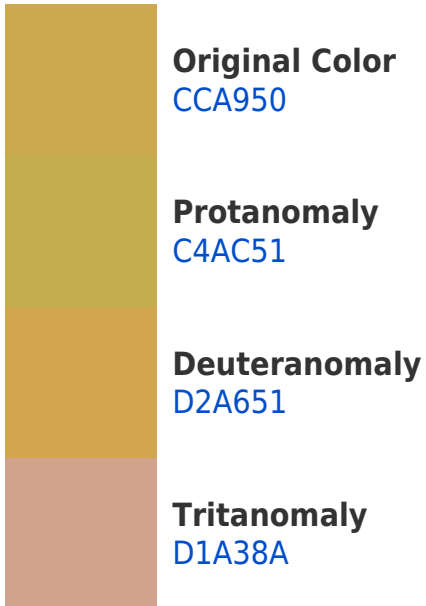
Protanopia
C0AD51

Deuteranopia
D6A551

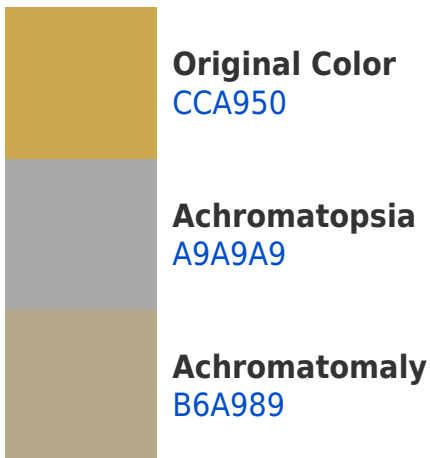


Tritanopia
D49FAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CCA950 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 #CCA950 looks like.

```
.text, #text, p{  
    color:#CCA950  
}
```

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 #CCA950 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCA950
}
```

Border

The CSS property to change the border of an element to Hex CCA950 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
#CCA950 }
```

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

```
.border{ border-color:#CCA950 }
```

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

Here you see how a box with a 4 pixel #CCA950 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCA950; -webkit-box-shadow:4px 4px  
4px 4px #CCA950; box-shadow:4px 4px 4px  
4px #CCA950 }
```

Background

The CSS property to change the background color of an element to Hex CCA950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCA950 }
```

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

```
.background{ background-color:#CCA950 }
```

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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