

Converting Colors

Hex(C9873B)

Have a look what the booklet for
Hex(C9873B) contains.

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Color

Hex(C9873B)

Conversions

Conversions Part 1

Format	Color
Hex	C9873B
RGB	201, 135, 59
RGB Percent	79%, 53%, 23%
CMY	0.2118, 0.4706, 0.7686
CMYK	0.00, 0.33, 0.71, 0.21
HSL	32°, 57%, 51%
HSV	32°, 71%, 79%
XYZ	33.5408, 30.0612, 8.1723
YIQ	146.0700, 63.7320, -9.6440

Conversions

Conversions Part 2

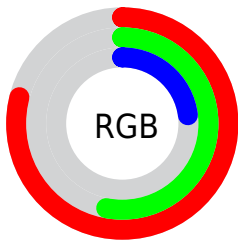
Format	Color
RYB	182, 201, 59
Decimal	13207355
CIELab	61.71, 18.39, 49.61
CIELCh	62, 52.911, 69.665
Yxy	30.0612, 0.4673, 0.4188
Android (android.graphics.Color)	4291397435 (0xFFC9873B)
YUV	146.0700, -42.9255, 48.1736
Hunter-Lab	54.8281, 13.2472, 29.5423

Details

The Hex color **C9873B** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **3B7DC9**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FFBC6E**, and **8E5503** is the 20% darker color. If you saturate the color by 10%, you get **C97E27**, and if you desaturate by 10%, it is **C9904F**.

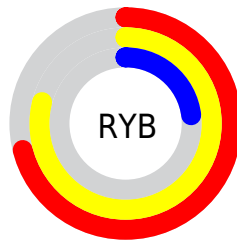
Distribution



Red (79%)

Green (53%)

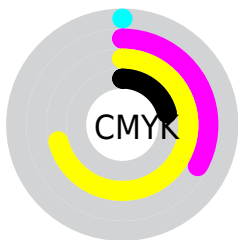
Blue (23%)



Red (71%)

Yellow (79%)

Blue (23%)

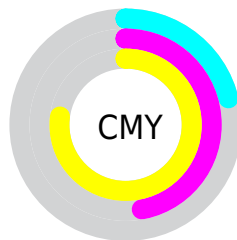


Cyan (0%)

Magenta (33%)

Yellow (71%)

Black (21%)



Cyan (21%)

Magenta (47%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color C9873B 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 C9873B by changing the saturation by 10% instead.

 C9873B

 C9873B

FFFFFF

 AB6E21

 FFBC6E

 8E5503

 FFD888

 723E00

 FFF5A3

 562800

 FFFFFB

 3B1200

 FFFFDB

 240000

 FFFFF8

 000000

 C9873B

 C9873B

 C97E27

 C9904F

 C97413

 C99A63

 C96C00

 C9A377

 C9AC8B

 C9B6A0

 C9BFB4

 C9C8C8

 C9D2DC

 C9DBF0

Harmonies

Analogous

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



E4755C



C9873B



A19732

Triad

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



C9873B



00ACA3



AC82DE

Complementary

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



C9873B



3B7DC9

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.



5A95F1



C9873B



00AAD0

Square

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



C9873B



11AA73



00A3EC



DA71B7

Rectangle

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



C9873B



80A03F



00A3EC



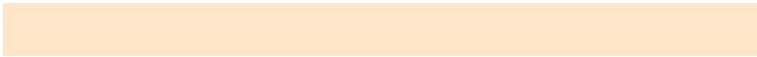
9689E7

Sweetspot

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



C9873B



FFE6C9



C93B7D



807160



000000



808080

Same Dimension

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



C9873B



FF9A26



C4C93B



635F5A



A35700



241300

Inverse Universe

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



3B7DC9



268BFF



403BC9



5A5E63



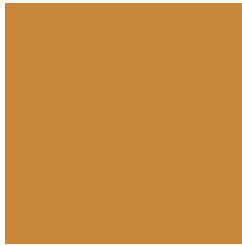
004CA3



001124

Previews

White Background



This preview shows how the Hex color C9873B 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

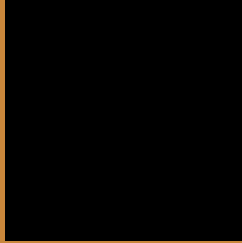
Any Text WCAG AA ✓ Pass

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 C9873B Background



This preview shows how black text looks on a background with the Hex color C9873B.



This preview shows how white text looks on a background with the Hex color C9873B.

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](#).

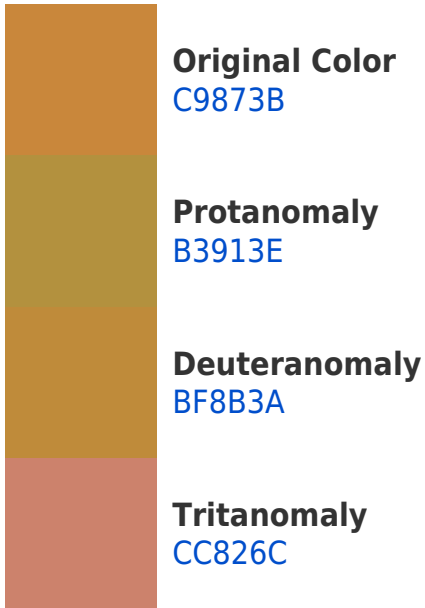
Dichromacy



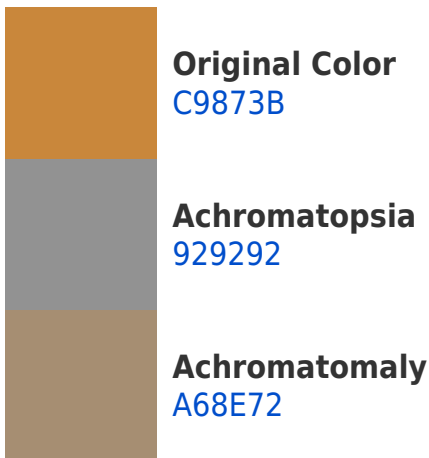


Tritanopia
CE7F88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C9873B 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 #C9873B looks like.

```
.text, #text, p{  
    color:#C9873B  
}
```

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 #C9873B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9873B
}
```

Border

The CSS property to change the border of an element to Hex C9873B 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
#C9873B }
```

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

```
.border{ border-color:#C9873B }
```

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

Here you see how a box with a 4 pixel #C9873B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9873B; -webkit-box-shadow:4px 4px  
4px 4px #C9873B; box-shadow:4px 4px 4px  
4px #C9873B }
```

Background

The CSS property to change the background color of an element to Hex C9873B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9873B }
```

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

```
.background{ background-color:#C9873B }
```

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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