

Converting Colors

Hex(CA9E3B)

Have a look what the booklet for
Hex(CA9E3B) contains.

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Color

Hex(CA9E3B)

Conversions

Conversions Part 1

Format	Color
Hex	CA9E3B
RGB	202, 158, 59
RGB Percent	79%, 62%, 23%
CMY	0.2078, 0.3804, 0.7686
CMYK	0.00, 0.22, 0.71, 0.21
HSL	42°, 57%, 51%
HSV	42°, 71%, 79%
XYZ	37.3734, 37.3260, 9.3725
YIQ	159.8700, 58.0030, -21.4610

Conversions

Conversions Part 2

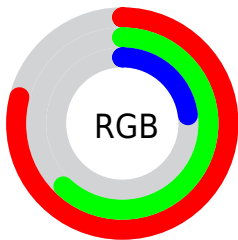
Format	Color
RYB	123, 202, 59
Decimal	13278779
CIELab	67.52, 6.30, 55.69
CIELCh	68, 56.050, 83.544
Yxy	37.3260, 0.4445, 0.4440
Android (android.graphics.Color)	4291468859 (0xFFCA9E3B)
YUV	159.8700, -49.7289, 36.9480
Hunter-Lab	61.0950, 2.2767, 33.6709

Details

The Hex color **CA9E3B** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **3B67CA**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **FFD470**, and **906B00** is the 20% darker color. If you saturate the color by 10%, you get **CA9827**, and if you desaturate by 10%, it is **CAA44F**.

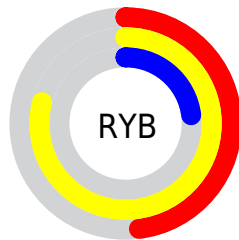
Distribution



Red (79%)

Green (62%)

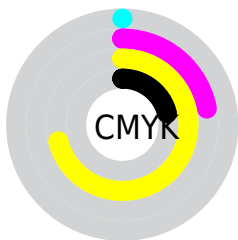
Blue (23%)



Red (48%)

Yellow (79%)

Blue (23%)

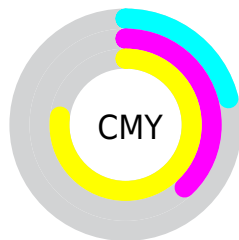


Cyan (0%)

Magenta (22%)

Yellow (71%)

Black (21%)



Cyan (21%)

Magenta (38%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA9E3B 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 CA9E3B by changing the saturation by 10% instead.

CA9E3B

CA9E3B

FFFFFF

AD841F

FFD470

906B00

FFF18A

745300

FFFFA6

583C00

FFFFC2

3D2700

FFFFDE

241300

FFFFFFB

000000

CA9E3B

CA9E3B

CA9827

CAA44F

■ CA9213

■ CAAA63

■ CA8C00

■ CAB178

■ CAB78C

■ CABDA0

■ CAC3B4

■ CACAC8

■ CAD0DD

■ CAD6F1

Harmonies

Analogous

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



EF8B54



CA9E3B



99AE42

Triad

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



CA9E3B



00BDCB



D887E1

Complementary

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



CA9E3B



3B67CA

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.



949CFF



CA9E3B



00B8F5

Square

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



CA9E3B



00BD97



00ADFF



FB79B2

Rectangle

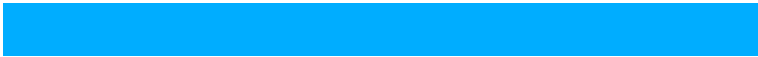
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CA9E3B



72B558



00ADFF



C58EEE

Sweetspot

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



CA9E3B



FFEFC9



CA3B68



807660



000000



808080

Same Dimension

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



CA9E3B



FFBC26



B0CA3B



66635C



A67300



261A00

Inverse Universe

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



3B67CA



2669FF



553BCA



5C5F66



0033A6



000C26

Previews

White Background



This preview shows how the Hex color CA9E3B looks on a white background.

Color Contrast Check

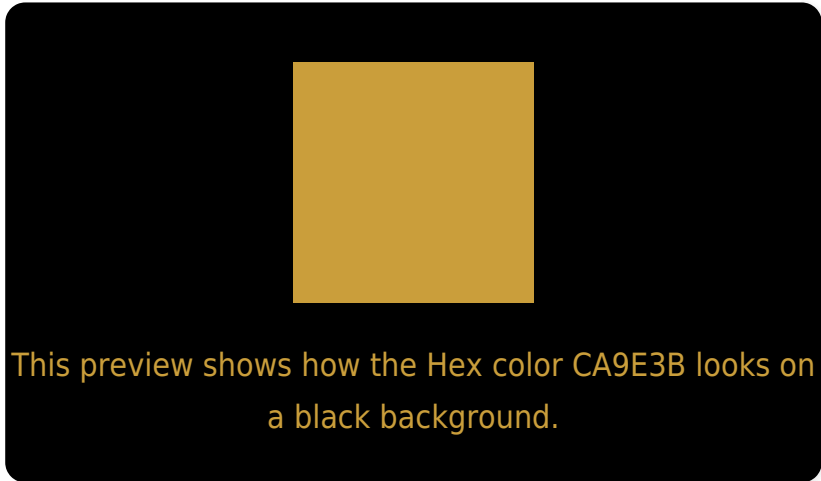
Large Text (above 18pt) WCAG AA × Fail

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 CA9E3B Background



This preview shows how black text looks on a background with the Hex color CA9E3B.



This preview shows how white text looks on a background with the Hex color CA9E3B.

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
CA9E3B

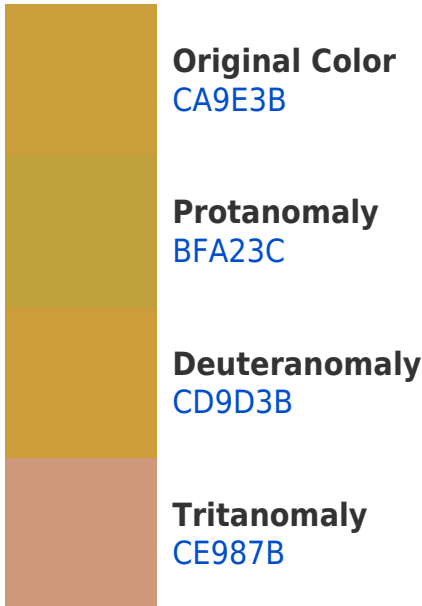
Protanopia
B8A53D

Deuteranopia
CE9C3B

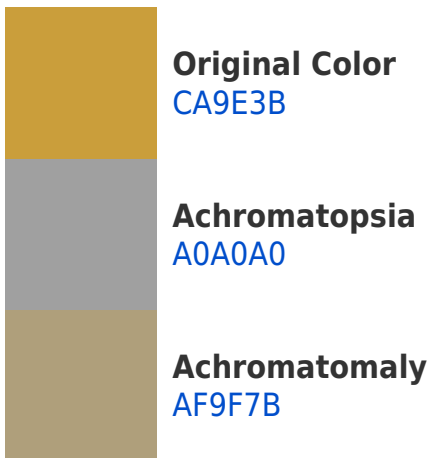


Tritanopia
D1949F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CA9E3B 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 #CA9E3B looks like.

```
.text, #text, p{  
    color:#CA9E3B  
}
```

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 #CA9E3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA9E3B
}
```

Border

The CSS property to change the border of an element to Hex CA9E3B 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
#CA9E3B }
```

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

```
.border{ border-color:#CA9E3B }
```

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

Here you see how a box with a 4 pixel #CA9E3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA9E3B; -webkit-box-shadow:4px 4px  
4px 4px #CA9E3B; box-shadow:4px 4px 4px  
4px #CA9E3B }
```

Background

The CSS property to change the background color of an element to Hex CA9E3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA9E3B }
```

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

```
.background{ background-color:#CA9E3B }
```

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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