

Converting Colors

Hex(C9A33F)

Have a look what the booklet for
Hex(C9A33F) contains.

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Color

Hex(C9A33F)

Conversions

Conversions Part 1

Format	Color
Hex	C9A33F
RGB	201, 163, 63
RGB Percent	79%, 64%, 25%
CMY	0.2118, 0.3608, 0.7529
CMYK	0.00, 0.19, 0.69, 0.21
HSL	43°, 56%, 52%
HSV	43°, 69%, 79%
XYZ	38.0818, 38.9708, 10.2176
YIQ	162.9620, 54.7480, -23.0440

Conversions

Conversions Part 2

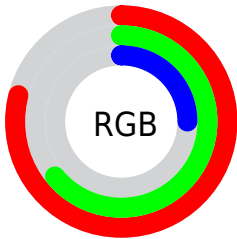
Format	Color
RYB	115, 201, 63
Decimal	13214527
CIELab	68.73, 3.39, 55.20
CIELCh	69, 55.305, 86.485
Yxy	38.9708, 0.4364, 0.4466
Android (android.graphics.Color)	4291404607 (0xFFC9A33F)
YUV	162.9620, -49.2813, 33.3593
Hunter-Lab	62.4266, -0.3570, 33.9944

Details

The Hex color **C9A33F** 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 **3F65C9**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFDA74**, and **8F7000** is the 20% darker color. If you saturate the color by 10%, you get **C99D2B**, and if you desaturate by 10%, it is **C9A953**.

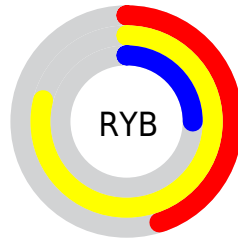
Distribution



Red (79%)

Green (64%)

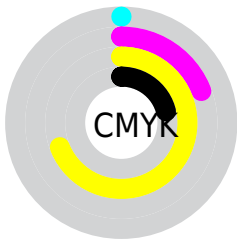
Blue (25%)



Red (45%)

Yellow (79%)

Blue (25%)

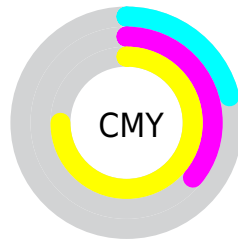


Cyan (0%)

Magenta (19%)

Yellow (69%)

Black (21%)



Cyan (21%)

Magenta (36%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color C9A33F 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 C9A33F by changing the saturation by 10% instead.

 C9A33F

 C9A33F

FFFFFF

 AC8924

 FFDA74

 8F7000

 FFF68E

 735700

 FFFFFA

 584000

 FFFFC6

 3D2B00

 FFFFEE

 241700

 000000

 C9A33F

 C9A33F

 C99D2B

 C9A953

 C99817

 C9AE67

 C99203

 C9B47B

 C99200

 C9B98F

 C9BFA4

 C9C4B8

 C9CACC

 C9CFE0

 C9D5F4

Harmonies

Analogous

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



EF9055



C9A33F



98B249

Triad

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



C9A33F



00C0D3



E089E0

Complementary

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



C9A33F



3F65C9

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.



A09DFF



C9A33F



00BBFA

Square

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



C9A33F



00C0A0



20AFFF



FF7CB0

Rectangle

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



C9A33F



70B960



20AFFF



CE8FED

Sweetspot

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



C9A33F



FFF0C9



C93F66



807760



000000



808080

Same Dimension

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



C9A33F



FFC52E



ABC93F



63615A



A37600



241A00

Inverse Universe

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



3F65C9



2E67FF



5D3FC9



5A5C63



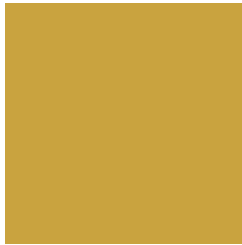
002DA3



000A24

Previews

White Background



This preview shows how the Hex color C9A33F looks on a white background.

Color Contrast Check

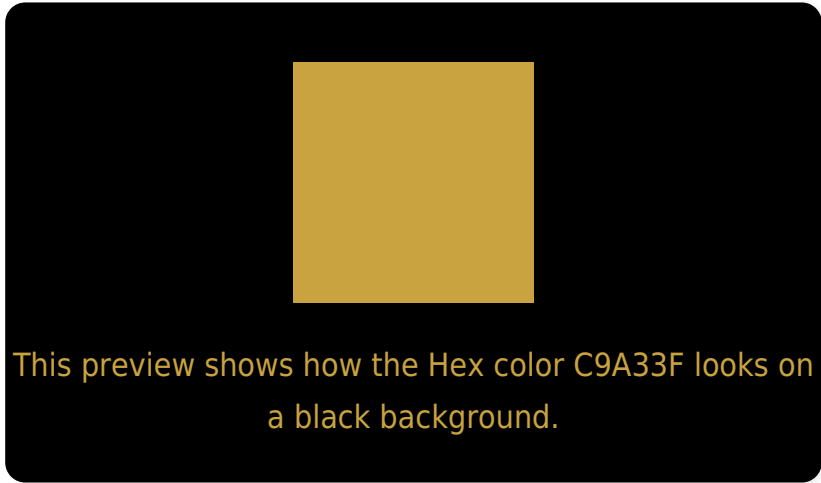
Large Text (above 18pt) WCAG AA × Fail

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 C9A33F Background



This preview shows how black text looks on a background with the Hex color C9A33F.



This preview shows how white text looks on a background with the Hex color C9A33F.

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
C9A33F

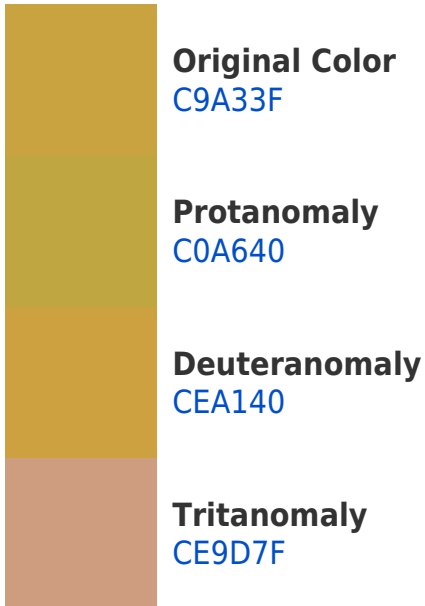
Protanopia
BBA840

Deuteranopia
D1A040

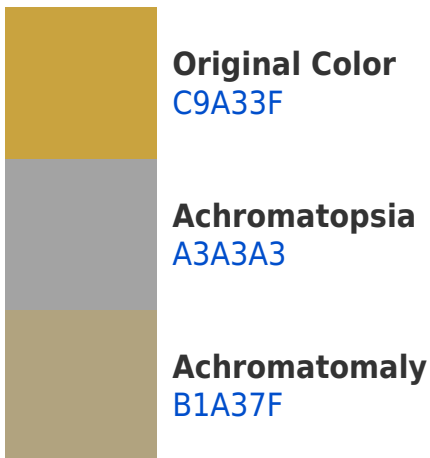


Tritanopia
D199A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C9A33F 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 #C9A33F looks like.

```
.text, #text, p{  
    color:#C9A33F  
}
```

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 #C9A33F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9A33F
}
```

Border

The CSS property to change the border of an element to Hex C9A33F 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
#C9A33F }
```

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

```
.border{ border-color:#C9A33F }
```

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

Here you see how a box with a 4 pixel #C9A33F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9A33F; -webkit-box-shadow:4px 4px  
4px 4px #C9A33F; box-shadow:4px 4px 4px  
4px #C9A33F }
```

Background

The CSS property to change the background color of an element to Hex C9A33F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9A33F }
```

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

```
.background{ background-color:#C9A33F }
```

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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