

Converting Colors

Hex(DA9F38)

Have a look what the booklet for
Hex(DA9F38) contains.

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Color

Hex(DA9F38)

Conversions

Conversions Part 1

Format	Color
Hex	DA9F38
RGB	218, 159, 56
RGB Percent	85%, 62%, 22%
CMY	0.1451, 0.3765, 0.7804
CMYK	0.00, 0.27, 0.74, 0.15
HSL	38°, 69%, 54%
HSV	38°, 74%, 85%
XYZ	42.0254, 39.9872, 9.2447
YIQ	164.8990, 68.2270, -19.5250

Conversions

Conversions Part 2

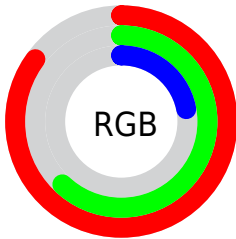
Format	Color
RYB	149, 218, 56
Decimal	14327608
CIELab	69.46, 12.55, 59.44
CIElCh	69, 60.752, 78.077
Yxy	39.9872, 0.4605, 0.4382
Android (android.graphics.Color)	4292517688 (0xFFDA9F38)
YUV	164.8990, -53.6872, 46.5696
Hunter-Lab	63.2355, 7.9665, 35.5969

Details

The Hex color **DA9F38** 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 **3873DA**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFD66D**, and **9E6C00** is the 20% darker color. If you saturate the color by 10%, you get **DA9722**, and if you desaturate by 10%, it is **DAA74E**.

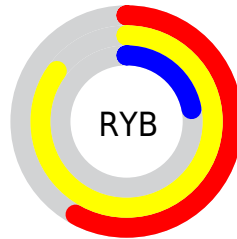
Distribution



Red (85%)

Green (62%)

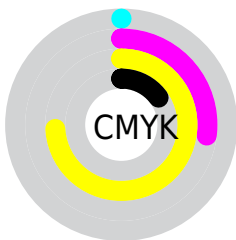
Blue (22%)



Red (58%)

Yellow (85%)

Blue (22%)

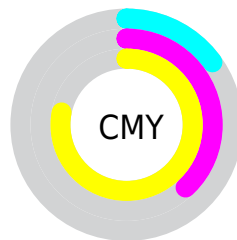


Cyan (0%)

Magenta (27%)

Yellow (74%)

Black (15%)



Cyan (15%)

Magenta (38%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color DA9F38 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 DA9F38 by changing the saturation by 10% instead.

 DA9F38

 DA9F38

FFFFFF

 BC851B

 FFD66D

 9E6C00

 FFF288

 825400

 FFFFA4

 653D00

 FFFF00

 4A2700

 FFFFDC

 2F1300

 FFFFF9

 160000

 000000

 DA9F38

 DA9F38

 DA9722

 DAA74E

 DA8F0C

 DAAF64

 DA8B00

 DAB779

 DABF8F

 DAC7A5

 DACFBB

 DAD7D1

 DADFE6

 DAE6FC

Harmonies

Analogous

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



FF8A59



DA9F38



A7B138

Triad

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



DA9F38



00C5CA



D78DF4

Complementary

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



DA9F38



3873DA

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.



84A4FF



DA9F38



00C1FB

Square

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



DA9F38



00C391



00B6FF



FF7BC2

Rectangle

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



DA9F38



7FBA4E



00B6FF



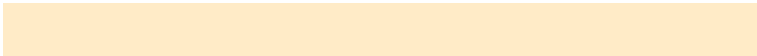
C095FF

Sweetspot

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



DA9F38



FFEBC7



DA3873



80735E



000000



808080

Same Dimension

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



DA9F38



FFAC1C



C4DA38



6E6A63



AD6E00



2E1D00

Inverse Universe

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



3873DA



1C6FFF



4E38DA



63676E



003FAD



00112E

Previews

White Background



This preview shows how the Hex color DA9F38 looks on a white background.

Color Contrast Check

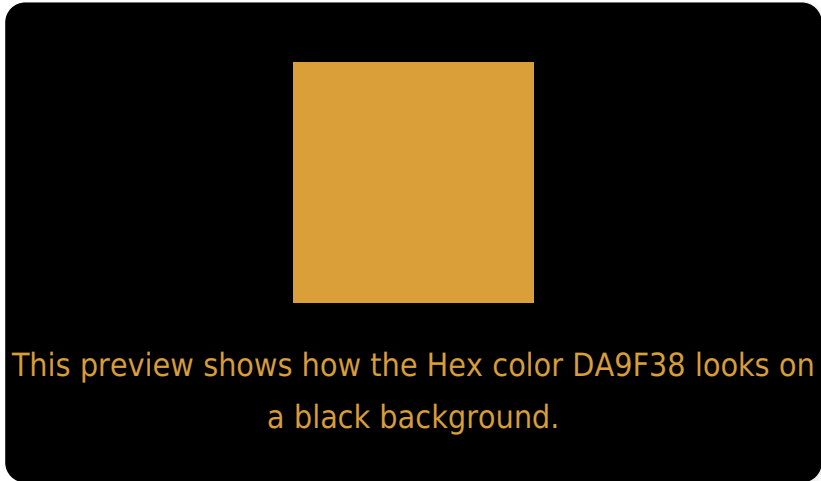
Large Text (above 18pt) WCAG AA × Fail

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 DA9F38 Background



This preview shows how black text looks on a background with the Hex color DA9F38.

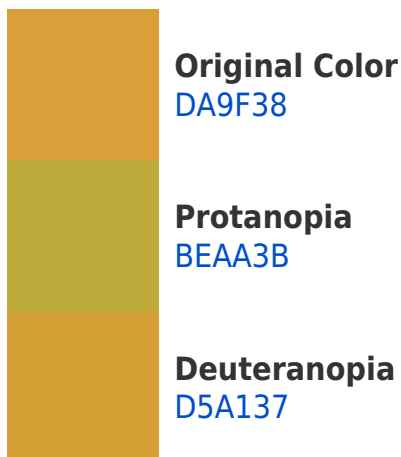


This preview shows how white text looks on a background with the Hex color DA9F38.

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](#).

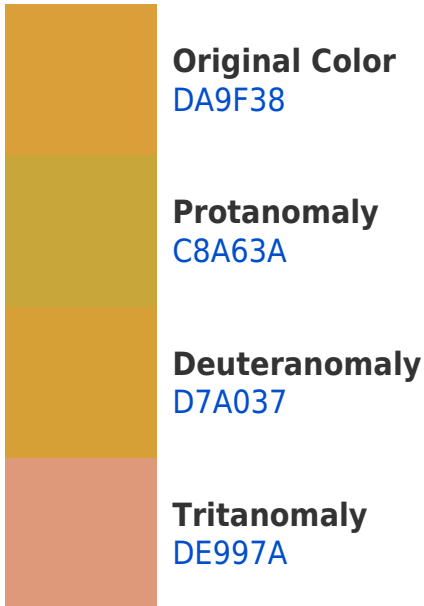
Dichromacy



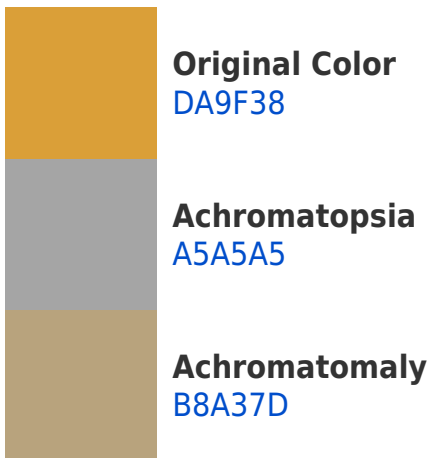


Tritanopia
E195A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DA9F38 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 #DA9F38 looks like.

```
.text, #text, p{  
    color:#DA9F38  
}
```

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 #DA9F38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA9F38
}
```

Border

The CSS property to change the border of an element to Hex DA9F38 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
#DA9F38 }
```

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

```
.border{ border-color:#DA9F38 }
```

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

Here you see how a box with a 4 pixel #DA9F38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA9F38; -webkit-box-shadow:4px 4px  
4px 4px #DA9F38; box-shadow:4px 4px 4px  
4px #DA9F38 }
```

Background

The CSS property to change the background color of an element to Hex DA9F38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA9F38 }
```

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

```
.background{ background-color:#DA9F38 }
```

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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