

Converting Colors

Hex(DAA32C)

Have a look what the booklet for
Hex(DAA32C) contains.

Hex(DAA32C)	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(DAA32C)

Conversions

Conversions Part 1

Format	Color
Hex	DAA32C
RGB	218, 163, 44
RGB Percent	85%, 64%, 17%
CMY	0.1451, 0.3608, 0.8275
CMYK	0.00, 0.25, 0.80, 0.15
HSL	41°, 70%, 51%
HSV	41°, 80%, 85%
XYZ	42.4653, 41.2817, 8.1129
YIQ	165.8790, 70.9790, -25.3490

Conversions

Conversions Part 2

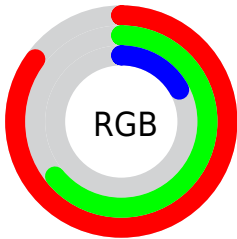
Format	Color
RYB	124, 218, 44
Decimal	14328620
CIELab	70.37, 9.94, 64.76
CIELCh	70, 65.518, 81.272
Yxy	41.2817, 0.4623, 0.4494
Android (android.graphics.Color)	4292518700 (0xFFDAA32C)
YUV	165.8790, -60.0863, 45.7101
Hunter-Lab	64.2508, 5.5370, 37.4891

Details

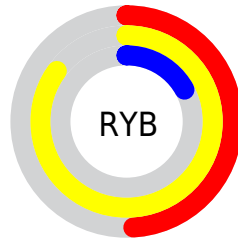
The Hex color **DAA32C** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **2C63DA**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFDA64**, and **9E7000** is the 20% darker color. If you saturate the color by 10%, you get **DA9C16**, and if you desaturate by 10%, it is **DAAA42**.

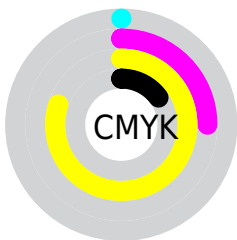
Distribution



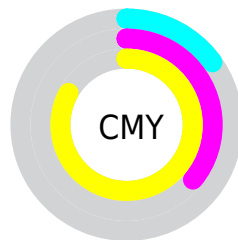
- Red (85%)
- Green (64%)
- Blue (17%)



- Red (49%)
- Yellow (85%)
- Blue (17%)



- Cyan (0%)
- Magenta (25%)
- Yellow (80%)
- Black (15%)



- Cyan (15%)
- Magenta (36%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color DAA32C 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 DAA32C by changing the saturation by 10% instead.

 DAA32C

 DAA32C

FFFFFF

 BC8905

 FFDA64

 9E7000

 FFF67F

 815700

 FFFF9A

 654000

 FFFFB6

 492B00

 FFFFD3

 2F1600

 FFFFF0

 170000

 000000

 DAA32C

 DAA32C

■ DA9C16

■ DAAA42

■ DA9500

■ DAB158

■ DAB86D

■ DABF83

■ DAC599

■ DACCAF

■ DAD3C5

■ DADADA

■ DAE1F0

Harmonies

Analogous

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



FF8B50



DAA32C



A2B631

Triad

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



DAA32C



00C9D6



E38AF7

Complementary

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



DAA32C



2C63DA

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.



8DA4FF



DAA32C



00C4FF

Square

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



DAA32C



00C898



00B8FF



FF76C0

Rectangle

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



DAA32C



75BE4D



00B8FF



CC93FF

Sweetspot

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



DAA32C



FFECC2



DA2C63



80745B



000000



808080

Same Dimension

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



DAA32C



FFB20A



BADA2C



6E6A63



AD7700



2E1F00

Inverse Universe

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



2C63DA



0A58FF



4C2CDA



63666E



0037AD



000F2E

Previews

White Background



This preview shows how the Hex color DAA32C looks on a white background.

Color Contrast Check

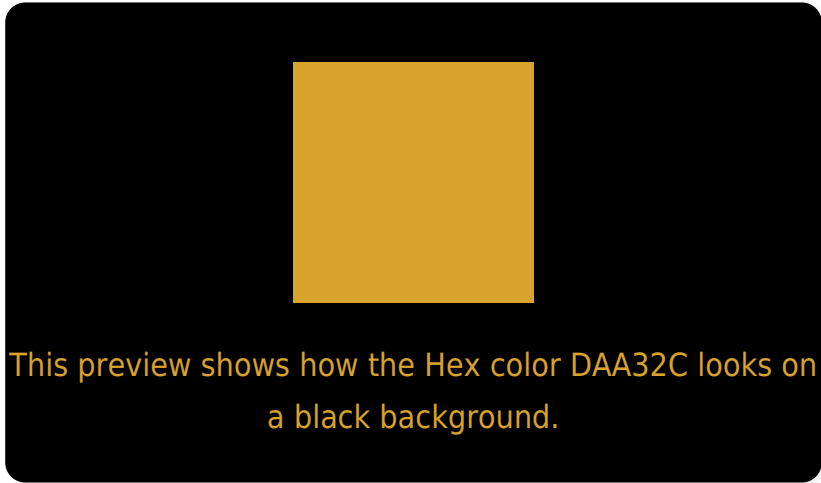
Large Text (above 18pt) WCAG AA × Fail

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 DAA32C Background



This preview shows how black text looks on a background with the Hex color DAA32C.

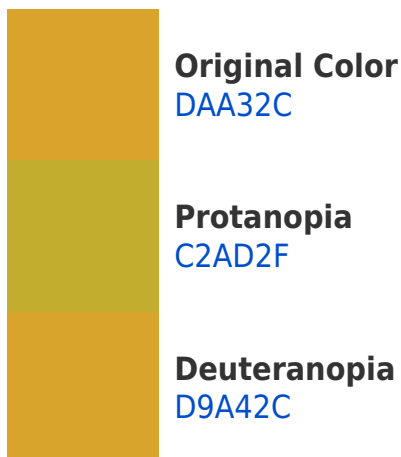


This preview shows how white text looks on a background with the Hex color DAA32C.

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](#).

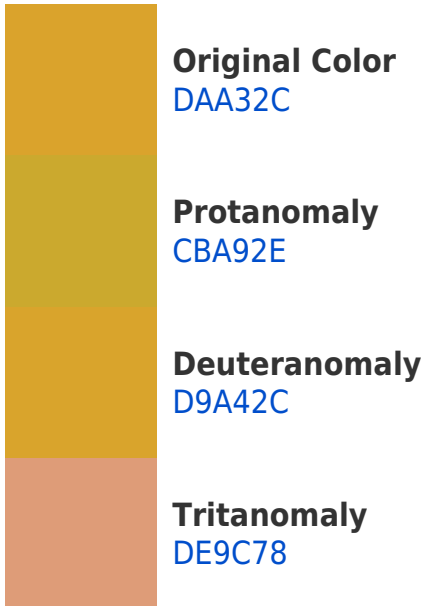
Dichromacy



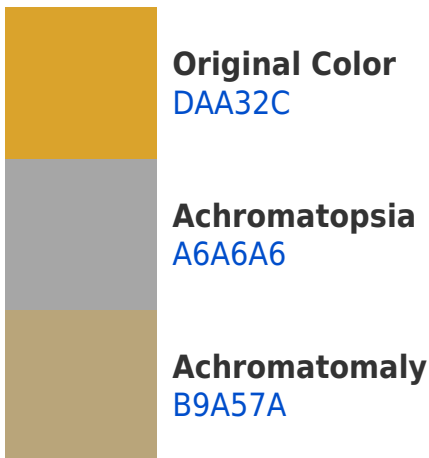


Tritanopia
E198A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DAA32C 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 #DAA32C looks like.

```
.text, #text, p{  
    color:#DAA32C  
}
```

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 #DAA32C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DAA32C
}
```

Border

The CSS property to change the border of an element to Hex DAA32C 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
#DAA32C }
```

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

```
.border{ border-color:#DAA32C }
```

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

Here you see how a box with a 4 pixel #DAA32C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DAA32C; -webkit-box-shadow:4px 4px  
4px 4px #DAA32C; box-shadow:4px 4px 4px  
4px #DAA32C }
```

Background

The CSS property to change the background color of an element to Hex DAA32C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DAA32C }
```

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

```
.background{ background-color:#DAA32C }
```

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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