

Converting Colors

Hex(DA900C)

Have a look what the booklet for
Hex(DA900C) contains.

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Color

Hex(DA900C)

Conversions

Conversions Part 1

Format	Color
Hex	DA900C
RGB	218, 144, 12
RGB Percent	85%, 56%, 5%
CMY	0.1451, 0.4353, 0.9529
CMYK	0.00, 0.34, 0.94, 0.15
HSL	38°, 90%, 45%
HSV	38°, 94%, 85%
XYZ	38.9531, 34.8785, 5.0270
YIQ	151.0780, 86.4760, -25.3640

Conversions

Conversions Part 2

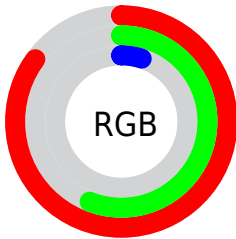
Format	Color
RYB	127, 218, 12
Decimal	14323724
CIELab	65.65, 19.44, 69.03
CIElCh	66, 71.719, 74.273
Yxy	34.8785, 0.4940, 0.4423
Android (android.graphics.Color)	4292513804 (0xFFDA900C)
YUV	151.0780, -68.5655, 58.6906
Hunter-Lab	59.0580, 14.3822, 36.2939

Details

The Hex color **DA900C** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **0C56DA**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFC64E**, and **9D5E00** is the 20% darker color. If you saturate the color by 10%, you get **DA8C00**, and if you desaturate by 10%, it is **DA9822**.

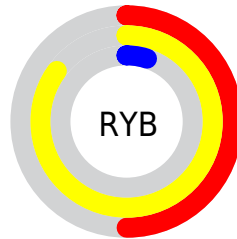
Distribution



Red (85%)

Green (56%)

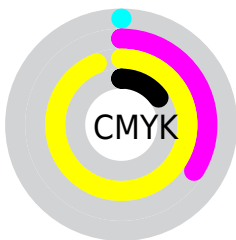
Blue (5%)



Red (50%)

Yellow (85%)

Blue (5%)

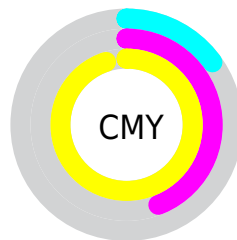


Cyan (0%)

Magenta (34%)

Yellow (94%)

Black (15%)



Cyan (15%)

Magenta (44%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color DA900C 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 DA900C by changing the saturation by 10% instead.

 DA900C

 DA900C

FFFFFF

 BB7600

 FFC64E

 9D5E00

 FFE269

 7F4600

 FFFE85

 622F00

 FFFFA1

 461A00

 FFFFBD

 2D0400

 FFFFDA

 020000

 FFFFF7

 000000

 DA900C

 DA900C

■ DA8C00

■ DA9822

■ DAA038

■ DAA74D

■ DAAF63

■ DAB779

■ DABF8F

■ DAC7A5

■ DACFBA

■ DAD6D0

Harmonies

Analogous

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



FF7448



DA900C



A2A600

Triad

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



DA900C



00BDBD



C980FC

Complementary

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



DA900C



0C56DA

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.



4F9CFF



DA900C



00BAF8

Square

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



DA900C



00BB7A



00B0FF



FF64C4

Rectangle

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



DA900C



73B026



00B0FF



AB8AFF

Sweetspot

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



DA900C



FFE5B8



DA0C58



807054



000000



808080

Same Dimension

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



DA900C



FFA300



BFDA0C



6E6A63



AD6F00



2E1D00

Inverse Universe

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



0C56DA



005CFF



270CDA



63676E



003EAD



00102E

Previews

White Background



This preview shows how the Hex color DA900C looks on a white background.

Color Contrast Check

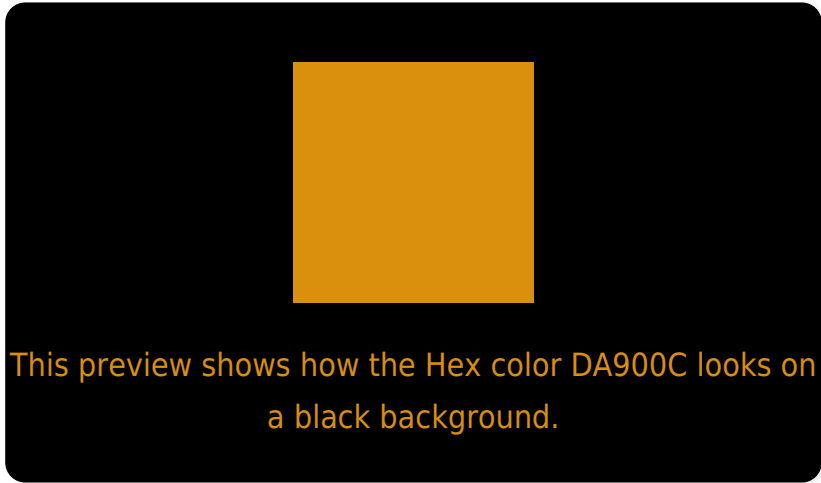
Large Text (above 18pt) WCAG AA × Fail

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 DA900C Background



This preview shows how black text looks on a background with the Hex color DA900C.

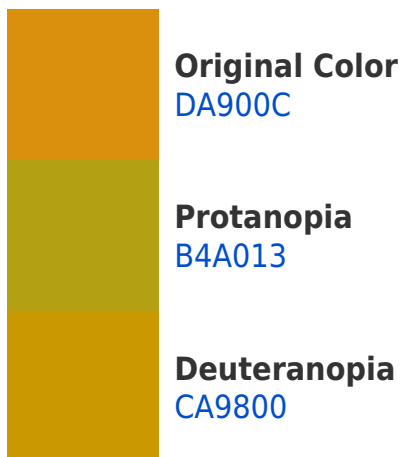


This preview shows how white text looks on a background with the Hex color DA900C.

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](#).

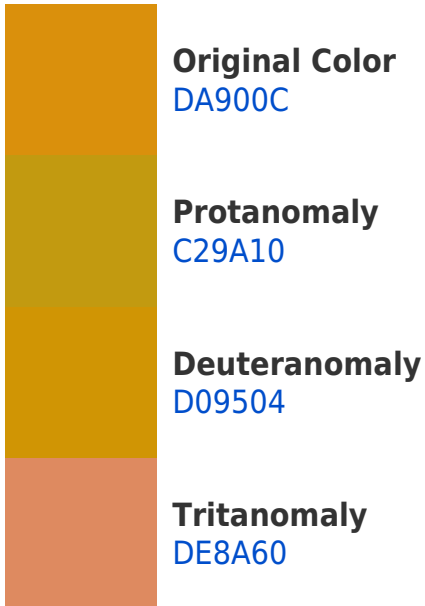
Dichromacy





Tritanopia
E08690

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DA900C 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 #DA900C looks like.

```
.text, #text, p{  
    color:#DA900C  
}
```

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 #DA900C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA900C  
}
```

Border

The CSS property to change the border of an element to Hex DA900C 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  
#DA900C }
```

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

```
.border{ border-color:#DA900C }
```

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

Here you see how a box with a 4 pixel #DA900C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA900C; -webkit-box-shadow:4px 4px  
4px 4px #DA900C; box-shadow:4px 4px 4px  
4px #DA900C }
```

Background

The CSS property to change the background color of an element to Hex DA900C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA900C }
```

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

```
.background{ background-color:#DA900C }
```

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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