

Converting Colors

Hex(DAA510)

Have a look what the booklet for
Hex(DAA510) contains.

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Color

Hex(DAA510)

Conversions

Conversions Part 1

Format	Color
Hex	DAA510
RGB	218, 165, 16
RGB Percent	85%, 65%, 6%
CMY	0.1451, 0.3529, 0.9373
CMYK	0.00, 0.24, 0.93, 0.15
HSL	44°, 86%, 46%
HSV	44°, 93%, 85%
XYZ	42.4621, 41.8531, 6.3307
YIQ	163.8610, 79.4170, -35.1030

Conversions

Conversions Part 2

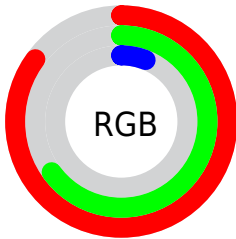
Format	Color
R _Y B	88, 218, 16
Decimal	14329104
CIE Lab	70.77, 8.22, 72.12
CIE LCh	71, 72.589, 83.495
Yxy	41.8531, 0.4684, 0.4617
Android (android.graphics.Color)	4292519184 (0xFFDAA510)
YUV	163.8610, -72.8955, 47.4799
Hunter-Lab	64.6940, 3.9446, 39.4839

Details

The Hex color **DAA510** 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 **1045DA**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFDC53**, and **9E7200** is the 20% darker color. If you saturate the color by 10%, you get **DAA100**, and if you desaturate by 10%, it is **DAAB26**.

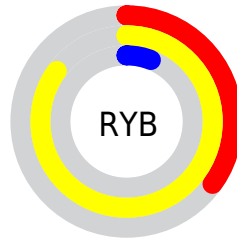
Distribution



Red (85%)

Green (65%)

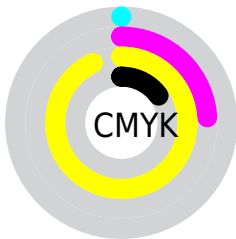
Blue (6%)



Red (35%)

Yellow (85%)

Blue (6%)

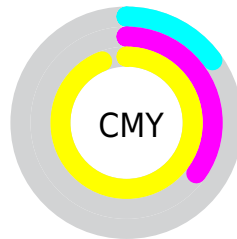


Cyan (0%)

Magenta (24%)

Yellow (93%)

Black (15%)



Cyan (15%)

Magenta (35%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color DAA510 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 DAA510 by changing the saturation by 10% instead.

 DAA510

 DAA510

FFFFFF

 BC8B00

 FFDC53

 9E7200

 FFF86F

 815900

 FFFF8B

 644200

 FFFFA7

 482C00

 FFFFC4

 2E1800

 FFFFEE

 160000

FFFFFFE

 000000

 DAA510

 DAA510

■ DAA100

■ DAAB26

■ DAB03C

■ DAB651

■ DABC67

■ DAC27D

■ DAC793

■ DACDA9

■ DAD3BE

■ DAD8D4

Harmonies

Analogous

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



FF8A42



DAA510



9CB920

Triad

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



DAA510



00CCE0



EF84FD

Complementary

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



DAA510



1045DA

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.



91A2FF



DAA510



00C7FF

Square

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



DAA510



00CB9C



00B9FF



FF6DBE

Rectangle

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



DAA510



66C245



00B9FF



D68EFF

Sweetspot

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



DAA510



FFECB8



DA1046



807454



000000



808080

Same Dimension

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



DAA510



FFBC00



ABDA10



6E6B63



AD8000



2E2200

Inverse Universe

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



1045DA



0043FF



3F10DA



63666E



002DAD



000C2E

Previews

White Background



This preview shows how the Hex color DAA510 looks on a white background.

Color Contrast Check

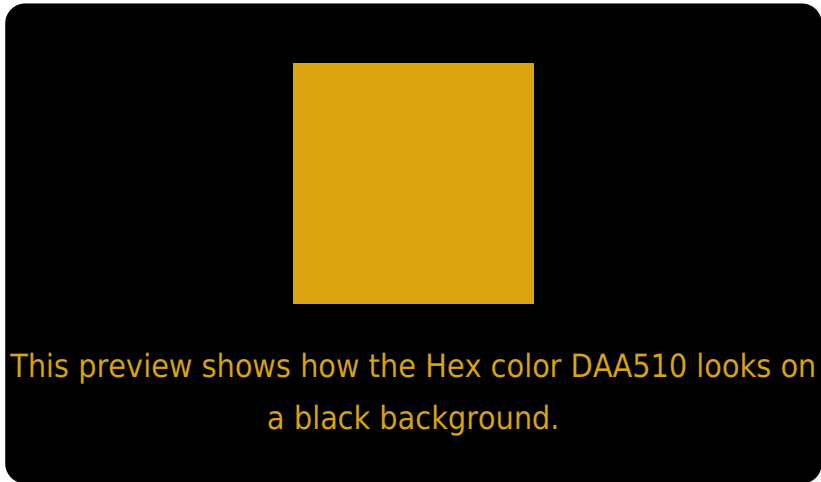
Large Text (above 18pt) WCAG AA × Fail

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 DAA510 Background



This preview shows how black text looks on a background with the Hex color DAA510.



This preview shows how white text looks on a background with the Hex color DAA510.

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
DAA510

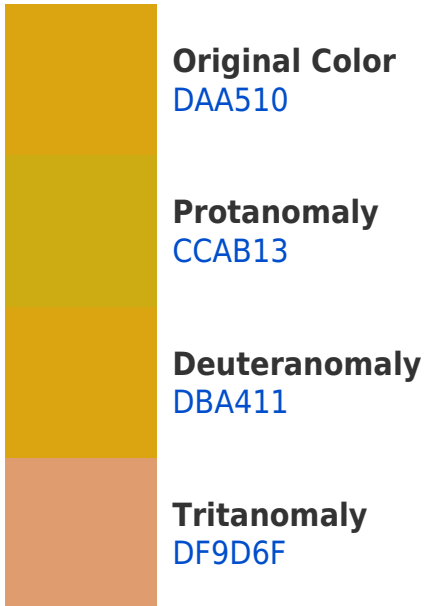
Protanopia
C4AE14

Deuteranopia
DBA411

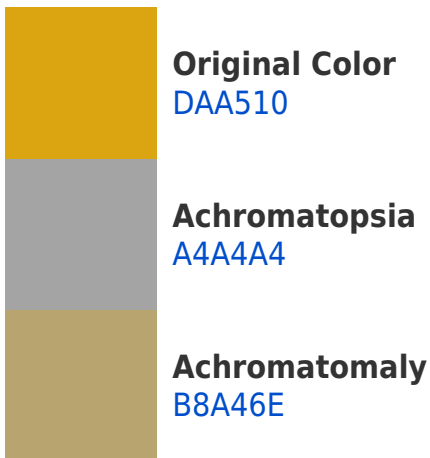


Tritanopia
E299A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DAA510 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 #DAA510 looks like.

```
.text, #text, p{  
    color:#DAA510  
}
```

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 #DAA510 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DAA510
}
```

Border

The CSS property to change the border of an element to Hex DAA510 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
#DAA510 }
```

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

```
.border{ border-color:#DAA510 }
```

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

Here you see how a box with a 4 pixel #DAA510 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DAA510; -webkit-box-shadow:4px 4px  
4px 4px #DAA510; box-shadow:4px 4px 4px  
4px #DAA510 }
```

Background

The CSS property to change the background color of an element to Hex DAA510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DAA510 }
```

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

```
.background{ background-color:#DAA510 }
```

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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