

Converting Colors

Hex(DAA75B)

Have a look what the booklet for
Hex(DAA75B) contains.

Hex(DAA75B)	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(DAA75B)

Conversions

Conversions Part 1

Format	Color
Hex	DAA75B
RGB	218, 167, 91
RGB Percent	85%, 65%, 36%
CMY	0.1451, 0.3451, 0.6431
CMYK	0.00, 0.23, 0.58, 0.15
HSL	36°, 63%, 61%
HSV	36°, 58%, 85%
XYZ	44.6205, 43.2982, 15.9032
YIQ	173.5850, 54.7920, -12.8240

Conversions

Conversions Part 2

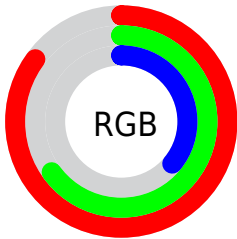
Format	Color
RYB	176, 218, 91
Decimal	14329691
CIELab	71.76, 10.34, 45.98
CIELCh	72, 47.126, 77.330
Yxy	43.2982, 0.4298, 0.4170
Android (android.graphics.Color)	4292519771 (0xFFDAA75B)
YUV	173.5850, -40.7144, 38.9520
Hunter-Lab	65.8014, 5.8901, 31.7315

Details

The Hex color **DAA75B** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **5B8EDA**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFDE8F**, and **A07329** is the 20% darker color. If you saturate the color by 10%, you get **DA9E45**, and if you desaturate by 10%, it is **DAB071**.

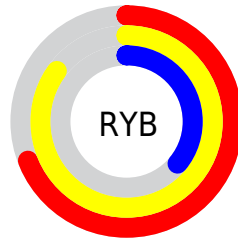
Distribution



Red (85%)

Green (65%)

Blue (36%)



Red (69%)

Yellow (85%)

Blue (36%)

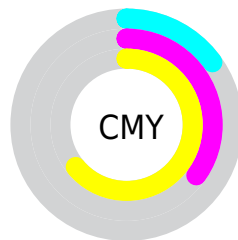


Cyan (0%)

Magenta (23%)

Yellow (58%)

Black (15%)



Cyan (15%)

Magenta (35%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color DAA75B 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 DAA75B by changing the saturation by 10% instead.

 DAA75B

 DAA75B

FFFFFF

 BD8D42

 FFDE8F

 A07329

 FFFBAA

 845B0E

 FFFFC6

 684300

 FFFFEE2

 4D2D00

 331900

 1B0000

 000000

 DAA75B

 DAA75B

■ DA9E45

■ DAB071

■ DA952F

■ DAB987

■ DA8D1A

■ DAC19C

■ DA8404

■ DACAB2

■ DA8200

■ DAD3C8

■ DADCDE

■ DAE4F4

■ DAEDFF

■ DAF6FF

Harmonies

Analogous

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



F79872



DAA75B



B2B55B

Triad

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



DAA75B



00C6C8



D39BEA

Complementary

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



DAA75B



5B8EDA

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.



97ACFF



DAA75B



00C2EE

Square

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



DAA75B



3EC59C



39BAFF



F78FC4

Rectangle

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



DAA75B



92BC69



39BAFF



C2A1F4

Sweetspot

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



DAA75B



FFEED4



DA5B90



807566



000000



808080

Same Dimension

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



DAA75B



FFB74D



CFDA5B



6E6963



AD6800



2E1B00

Inverse Universe

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



5B8EDA



4D94FF



665BDA



63676E



0046AD



00122E

Previews

White Background



This preview shows how the Hex color DAA75B 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



This preview shows how the Hex color DAA75B looks on a 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 DAA75B Background



This preview shows how black text looks on a background with the Hex color DAA75B.

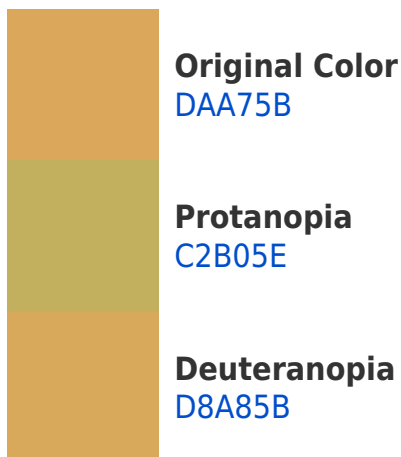


This preview shows how white text looks on a background with the Hex color DAA75B.

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](#).

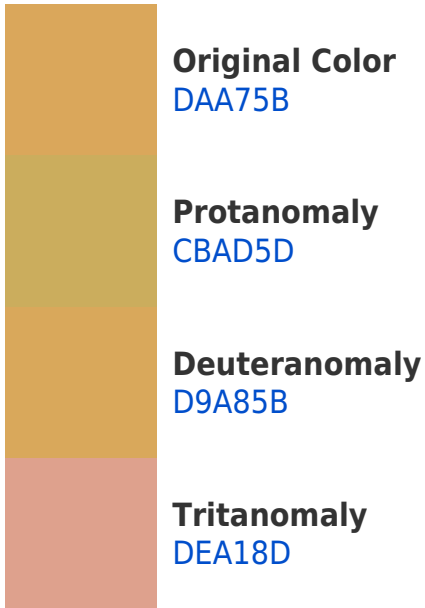
Dichromacy





Tritanopia
E09EAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DAA75B 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 #DAA75B looks like.

```
.text, #text, p{  
    color:#DAA75B  
}
```

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 #DAA75B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DAA75B
}
```

Border

The CSS property to change the border of an element to Hex DAA75B 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
#DAA75B }
```

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

```
.border{ border-color:#DAA75B }
```

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

Here you see how a box with a 4 pixel #DAA75B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DAA75B; -webkit-box-shadow:4px 4px  
4px 4px #DAA75B; box-shadow:4px 4px 4px  
4px #DAA75B }
```

Background

The CSS property to change the background color of an element to Hex DAA75B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DAA75B }
```

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

```
.background{ background-color:#DAA75B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor