

Converting Colors

Hex(DAA63D)

Have a look what the booklet for
Hex(DAA63D) contains.

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Color

Hex(DAA63D)

Conversions

Conversions Part 1

Format	Color
Hex	DAA63D
RGB	218, 166, 61
RGB Percent	85%, 65%, 24%
CMY	0.1451, 0.3490, 0.7608
CMYK	0.00, 0.24, 0.72, 0.15
HSL	40°, 68%, 55%
HSV	40°, 72%, 85%
XYZ	43.3920, 42.5148, 10.3340
YIQ	169.5780, 64.6970, -21.6310

Conversions

Conversions Part 2

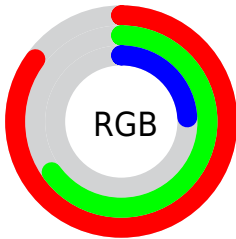
Format	Color
RYB	139, 218, 61
Decimal	14329405
CIELab	71.22, 9.03, 59.16
CIELCh	71, 59.843, 81.319
Yxy	42.5148, 0.4509, 0.4418
Android (android.graphics.Color)	4292519485 (0xFFDAA63D)
YUV	169.5780, -53.5290, 42.4661
Hunter-Lab	65.2034, 4.6835, 36.2455

Details

The Hex color **DAA63D** 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 **3D71DA**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFDD72**, and **9F7200** is the 20% darker color. If you saturate the color by 10%, you get **DA9F27**, and if you desaturate by 10%, it is **DAAD53**.

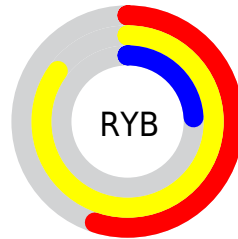
Distribution



Red (85%)

Green (65%)

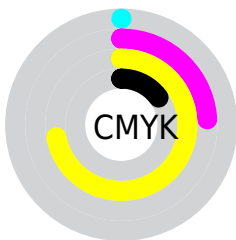
Blue (24%)



Red (55%)

Yellow (85%)

Blue (24%)

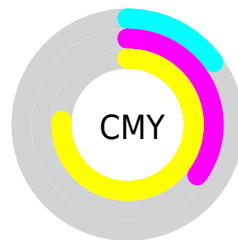


Cyan (0%)

Magenta (24%)

Yellow (72%)

Black (15%)



Cyan (15%)

Magenta (35%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color DAA63D 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 DAA63D by changing the saturation by 10% instead.

 DAA63D

 DAA63D

FFFFFF

 BC8C21

 FFDD72

 9F7200

 FFF98D

 825A00

 FFFFA9

 664300

 FFFFC5

 4A2D00

 FFFF E2

 301800

 180000

 000000

 DAA63D

 DAA63D

■ DA9F27

■ DAAD53

■ DA9811

■ DAB469

■ DA9200

■ DABC7E

■ DAC394

■ DACAAA

■ DAD1C0

■ DAD9D6

■ DAE0EB

■ DAE7FF

Harmonies

Analogous

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



FF915B



DAA63D



A7B742

Triad

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



DAA63D



00C9D4



E290F3

Complementary

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



DAA63D



3D71DA

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.



95A6FF



DAA63D



00C4FF

Square

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



DAA63D



00C89C



00B9FF



FF7FC1

Rectangle

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



DAA63D



7DBF58



00B9FF



CD97FF

Sweetspot

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



DAA63D



FFECC7



DA3D71



80755E



000000



808080

Same Dimension

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



DAA63D



FFB624



C0DA3D



6E6A63



AD7400



2E1F00

Inverse Universe

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



3D71DA



246CFF



573DDA



63666E



0039AD



000F2E

Previews

White Background



This preview shows how the Hex color DAA63D looks on a white background.

Color Contrast Check

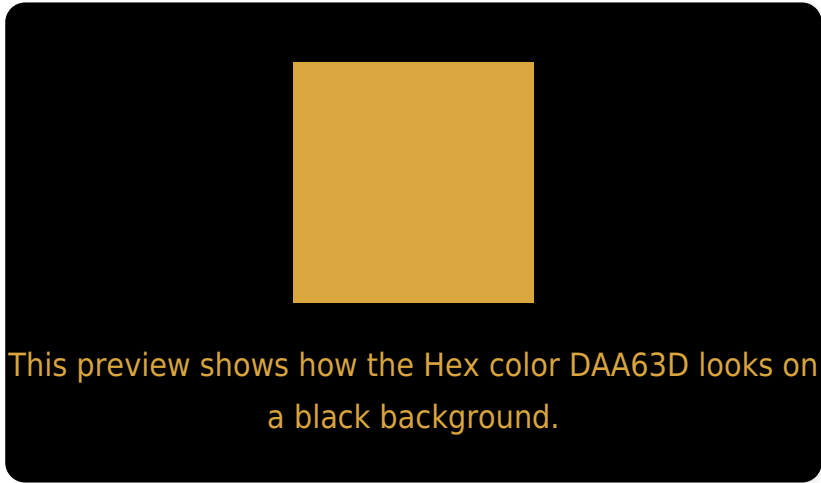
Large Text (above 18pt) WCAG AA × Fail

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 DAA63D Background



This preview shows how black text looks on a background with the Hex color DAA63D.



This preview shows how white text looks on a background with the Hex color DAA63D.

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
DAA63D

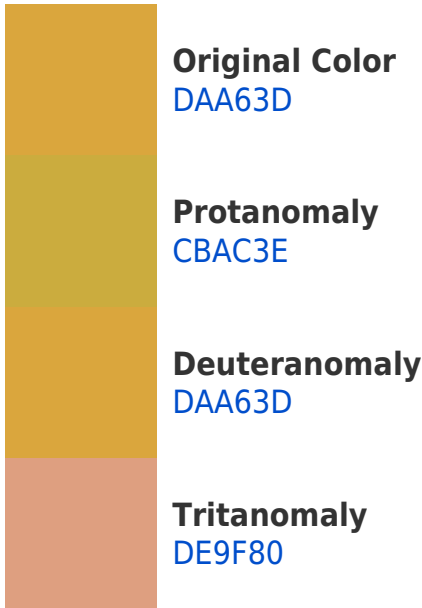
Protanopia
C3AF3F

Deuteranopia
DAA63D

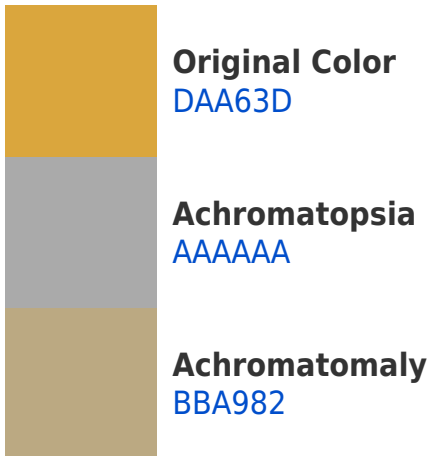


Tritanopia
E19BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DAA63D 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 #DAA63D looks like.

```
.text, #text, p{  
    color:#DAA63D  
}
```

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 #DAA63D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DAA63D
}
```

Border

The CSS property to change the border of an element to Hex DAA63D 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
#DAA63D }
```

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

```
.border{ border-color:#DAA63D }
```

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

Here you see how a box with a 4 pixel #DAA63D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DAA63D; -webkit-box-shadow:4px 4px  
4px 4px #DAA63D; box-shadow:4px 4px 4px  
4px #DAA63D }
```

Background

The CSS property to change the background color of an element to Hex DAA63D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DAA63D }
```

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

```
.background{ background-color:#DAA63D }
```

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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