

Converting Colors

Hex(D1AA44)

Have a look what the booklet for
Hex(D1AA44) contains.

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Color

Hex(D1AA44)

Conversions

Conversions Part 1

Format	Color
Hex	D1AA44
RGB	209, 170, 68
RGB Percent	82%, 67%, 27%
CMY	0.1804, 0.3333, 0.7333
CMYK	0.00, 0.19, 0.67, 0.18
HSL	43°, 61%, 54%
HSV	43°, 67%, 82%
XYZ	41.7126, 42.7221, 11.5165
YIQ	170.0330, 55.9860, -23.4540

Conversions

Conversions Part 2

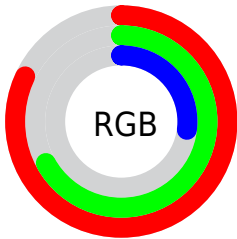
Format	Color
RYB	122, 209, 68
Decimal	13740612
CIELab	71.37, 3.39, 56.05
CIELCh	71, 56.149, 86.539
Yxy	42.7221, 0.4347, 0.4452
Android (android.graphics.Color)	4291930692 (0xFFD1AA44)
YUV	170.0330, -50.3023, 34.1741
Hunter-Lab	65.3622, -0.4692, 35.3069

Details

The Hex color **D1AA44** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **446BD1**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFE179**, and **977607** is the 20% darker color. If you saturate the color by 10%, you get **D1A42F**, and if you desaturate by 10%, it is **D1B059**.

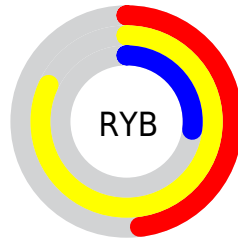
Distribution



Red (82%)

Green (67%)

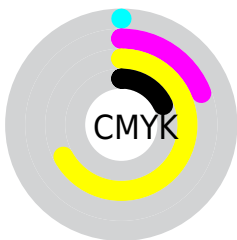
Blue (27%)



Red (48%)

Yellow (82%)

Blue (27%)

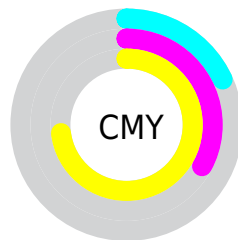


Cyan (0%)

Magenta (19%)

Yellow (67%)

Black (18%)



Cyan (18%)

Magenta (33%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color D1AA44 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 D1AA44 by changing the saturation by 10% instead.

 D1AA44

 D1AA44

FFFFFF

 B49029

 FFE179

 977607

 FFFE94

 7B5E00

 FFFF4F

 5F4600

 FFFFCC

 443000

 FFFF88

 2B1C00

 100200

 000000

 D1AA44

 D1AA44

 D1A42F

 D1B059

 D19E1A

 D1B66E

 D19905

 D1BB83

 D19700

 D1C198

 D1C7AC

 D1CDC1

 D1D2D6

 D1D8EB

 D1DEFF

Harmonies

Analogous

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



F8975A



D1AA44



9FB94E

Triad

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



D1AA44



00C8DB



E88FE8

Complementary

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



D1AA44



446BD1

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.



A8A4FF



D1AA44



00C2FF

Square

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



D1AA44



00C8A7



2CB6FF



FF83B7

Rectangle

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



D1AA44



76C165



2CB6FF



D696F6

Sweetspot

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



D1AA44



FFF1CC



D1446C



807761



000000



808080

Same Dimension

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



D1AA44



FFC630



B2D144



69665E



A87A00



291E00

Inverse Universe

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



446BD1



306AFF



6344D1



5E6169



002FA8



000B29

Previews

White Background



This preview shows how the Hex color D1AA44 looks on a white background.

Color Contrast Check

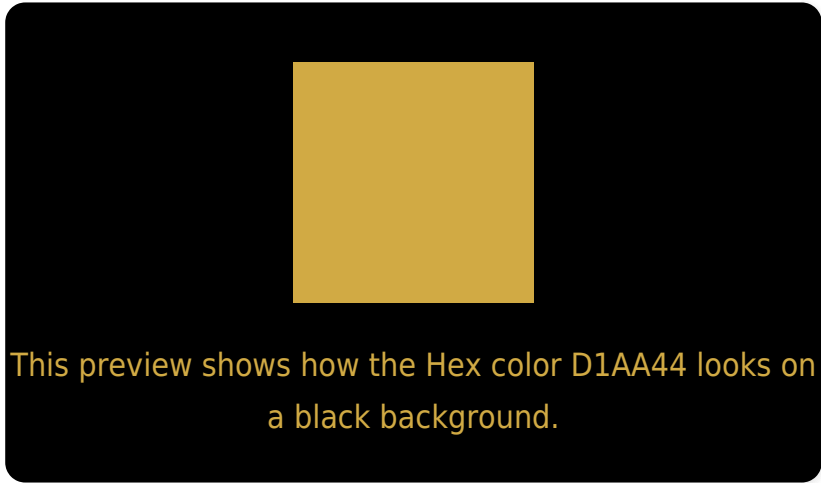
Large Text (above 18pt) WCAG AA × Fail

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 D1AA44 Background



This preview shows how black text looks on a background with the Hex color D1AA44.

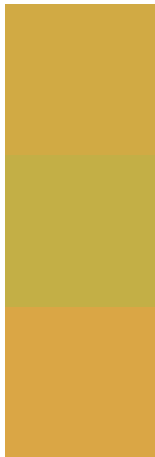


This preview shows how white text looks on a background with the Hex color D1AA44.

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
D1AA44

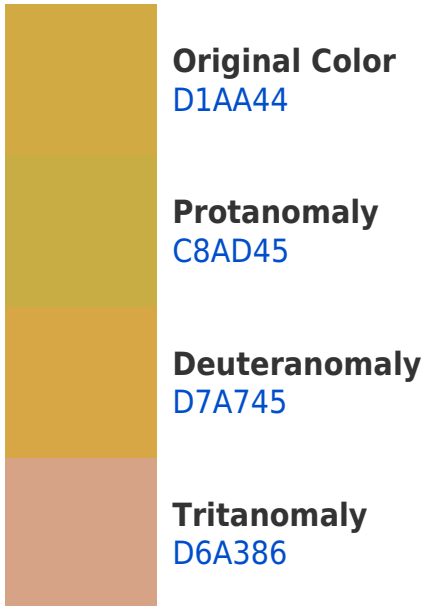
Protanopia
C3AF46

Deuteranopia
DAA645

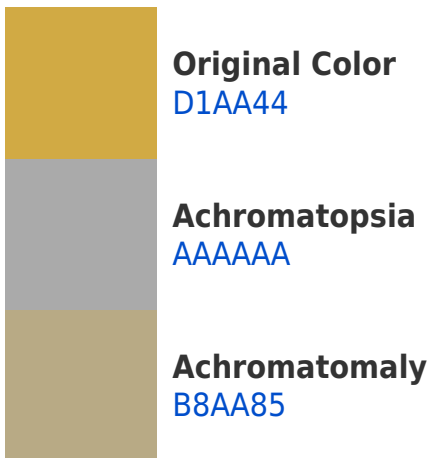


Tritanopia
D99FAC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D1AA44 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 #D1AA44 looks like.

```
.text, #text, p{  
    color:#D1AA44  
}
```

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 #D1AA44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1AA44
}
```

Border

The CSS property to change the border of an element to Hex D1AA44 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
#D1AA44 }
```

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

```
.border{ border-color:#D1AA44 }
```

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

Here you see how a box with a 4 pixel #D1AA44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1AA44; -webkit-box-shadow:4px 4px  
4px 4px #D1AA44; box-shadow:4px 4px 4px  
4px #D1AA44 }
```

Background

The CSS property to change the background color of an element to Hex D1AA44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1AA44 }
```

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

```
.background{ background-color:#D1AA44 }
```

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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