

Converting Colors

Hex(D4B444)

Have a look what the booklet for
Hex(D4B444) contains.

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Color

Hex(D4B444)

Conversions

Conversions Part 1

Format	Color
Hex	D4B444
RGB	212, 180, 68
RGB Percent	83%, 71%, 27%
CMY	0.1686, 0.2941, 0.7333
CMYK	0.00, 0.15, 0.68, 0.17
HSL	47°, 63%, 55%
HSV	47°, 68%, 83%
XYZ	44.5160, 47.0569, 12.2055
YIQ	176.8000, 55.0240, -28.0480

Conversions

Conversions Part 2

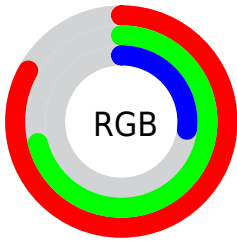
Format	Color
RYB	109, 212, 68
Decimal	13939780
CIELab	74.23, -0.61, 59.13
CIElCh	74, 59.132, 90.591
Yxy	47.0569, 0.4290, 0.4534
Android (android.graphics.Color)	4292129860 (0xFFD4B444)
YUV	176.8000, -53.6384, 30.8704
Hunter-Lab	68.5980, -4.2108, 37.4693

Details

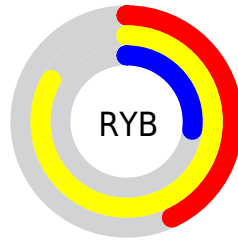
The Hex color **D4B444** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **4464D4**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFEC7A**, and **9A8002** is the 20% darker color. If you saturate the color by 10%, you get **D4AF2F**, and if you desaturate by 10%, it is **D4B959**.

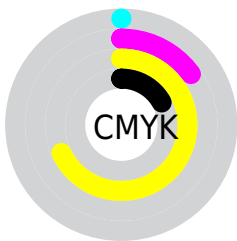
Distribution



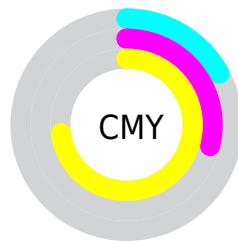
- Red (83%)
- Green (71%)
- Blue (27%)



- Red (43%)
- Yellow (83%)
- Blue (27%)



- Cyan (0%)
- Magenta (15%)
- Yellow (68%)
- Black (17%)



- Cyan (17%)
- Magenta (29%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color D4B444 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 D4B444 by changing the saturation by 10% instead.

 D4B444

 D4B444

FFFFFF

 B79928

 FFEC7A

 9A8002

 FFFF95

 7D6700

 FFFFB1

 624F00

 FFFFCD

 473800

 FFFFEA

 2D2300

 130F00

 000000

 D4B444

 D4B444

 D4AF2F

 D4B959

 D4AB1A

 D4BD6E

 D4A604

 D4C284

 D4A500

 D4C799

 D4CCAE

 D4D0C3

 D4D5D8

 D4DAEE

 D4DEFF

Harmonies

Analogous

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



FFA058



D4B444



9DC354

Triad

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



D4B444



00D1EC



FA92ED

Complementary

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



D4B444



4464D4

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.



BAA8FF



D4B444



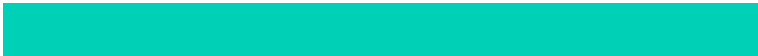
00CAFF

Square

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



D4B444



00D1B6



46BCFF



FF87B8

Rectangle

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



D4B444



70CB6F



46BCFF



E899FC

Sweetspot

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



D4B444



FFF4CC



D44466



807961



000000



808080

Same Dimension

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



D4B444



FFD12E



AED444



6B6960



AB8500



2B2200

Inverse Universe

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



4464D4



2E5CFF



6A44D4



60636B



0026AB



000A2B

Previews

White Background



This preview shows how the Hex color D4B444 looks on a white background.

Color Contrast Check

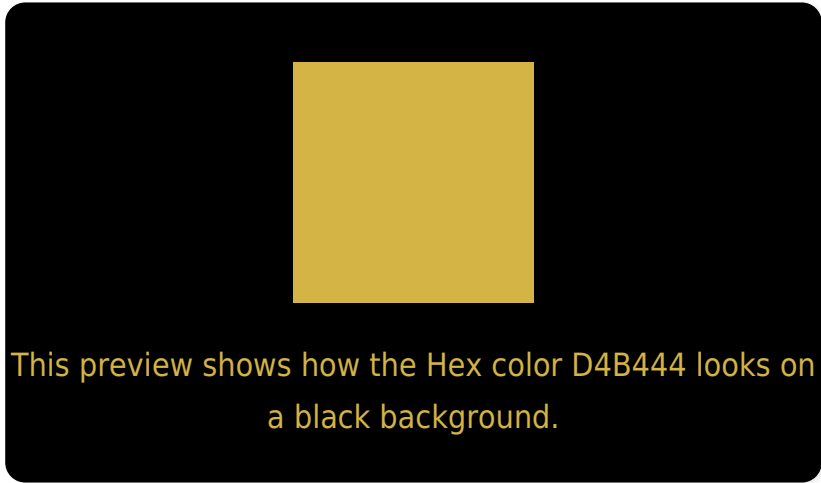
Large Text (above 18pt) WCAG AA × Fail

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 D4B444 Background



This preview shows how black text looks on a background with the Hex color D4B444.

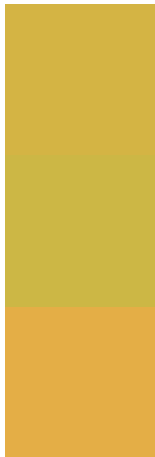


This preview shows how white text looks on a background with the Hex color D4B444.

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
D4B444

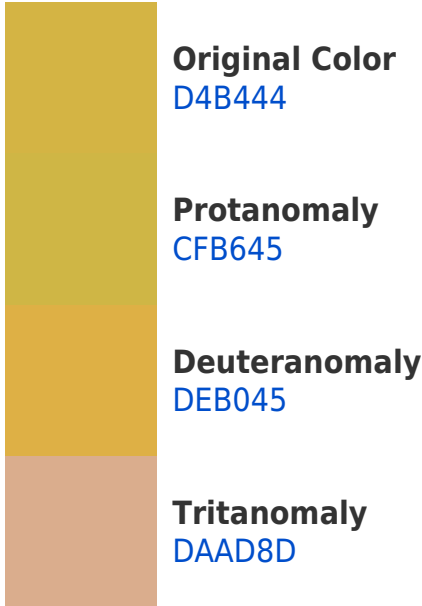
Protanopia
CCB745

Deuteranopia
E4AE46

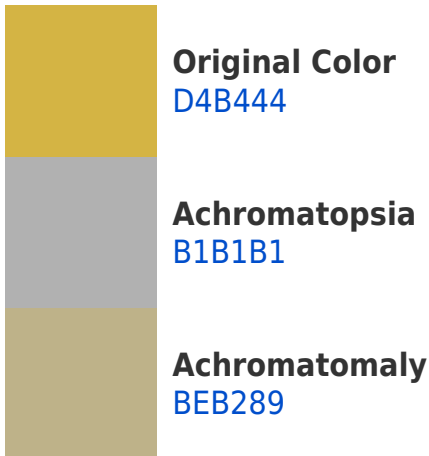


Tritanopia
DDA9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D4B444 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 #D4B444 looks like.

```
.text, #text, p{  
    color:#D4B444  
}
```

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 #D4B444 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4B444
}
```

Border

The CSS property to change the border of an element to Hex D4B444 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
#D4B444 }
```

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

```
.border{ border-color:#D4B444 }
```

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

Here you see how a box with a 4 pixel #D4B444 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4B444; -webkit-box-shadow:4px 4px  
4px 4px #D4B444; box-shadow:4px 4px 4px  
4px #D4B444 }
```

Background

The CSS property to change the background color of an element to Hex D4B444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4B444 }
```

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

```
.background{ background-color:#D4B444 }
```

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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