

Converting Colors

Hex(D4B348)

Have a look what the booklet for
Hex(D4B348) contains.

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Color

Hex(D4B348)

Conversions

Conversions Part 1

Format	Color
Hex	D4B348
RGB	212, 179, 72
RGB Percent	83%, 70%, 28%
CMY	0.1686, 0.2980, 0.7176
CMYK	0.00, 0.16, 0.66, 0.17
HSL	46°, 62%, 56%
HSV	46°, 66%, 83%
XYZ	44.4412, 46.7051, 12.8036
YIQ	176.6690, 54.0150, -26.2810

Conversions

Conversions Part 2

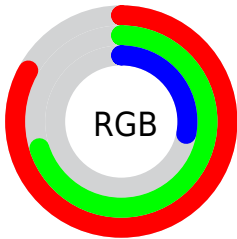
Format	Color
RYB	115, 212, 72
Decimal	13939528
CIELab	74.00, 0.14, 57.19
CIELCh	74, 57.190, 89.856
Yxy	46.7051, 0.4275, 0.4493
Android (android.graphics.Color)	4292129608 (0xFFD4B348)
YUV	176.6690, -51.6018, 30.9853
Hunter-Lab	68.3411, -3.5213, 36.7309

Details

The Hex color **D4B348** 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 **4869D4**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFEA7D**, and **9A7F0C** is the 20% darker color. If you saturate the color by 10%, you get **D4AE33**, and if you desaturate by 10%, it is **D4B85D**.

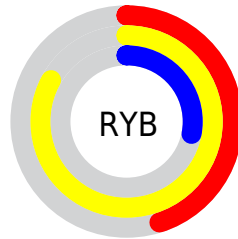
Distribution



Red (83%)

Green (70%)

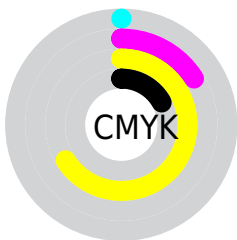
Blue (28%)



Red (45%)

Yellow (83%)

Blue (28%)

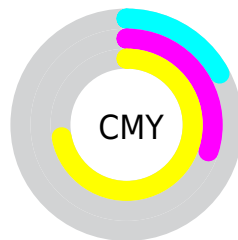


Cyan (0%)

Magenta (16%)

Yellow (66%)

Black (17%)



Cyan (17%)

Magenta (30%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color D4B348 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 D4B348 by changing the saturation by 10% instead.

 D4B348

 D4B348

FFFFFF

 B7982D

 FFEA7D

 9A7F0C

 FFFF98

 7E6600

 FFFFB4

 634E00

 FFFF00

 473800

 FFFF60

 2E2300

 140D00

 000000

 D4B348

 D4B348

 D4AE33

 D4B85D

 D4A91E

 D4BD72

 D4A408

 D4C288

 D4A200

 D4C79D

 D4CCB2

 D4D1C7

 D4D6DC

 D4DBF2

 D4E0FF

Harmonies

Analogous

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



FDA05B



D4B348



9FC256

Triad

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



D4B348



00CFE9



F694EC

Complementary

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



D4B348



4869D4

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.



B8A8FF



D4B348



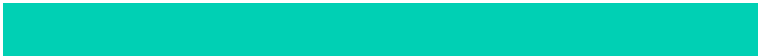
00C9FF

Square

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



D4B348



00D0B4



4ABCFF



FF88B8

Rectangle

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



D4B348



74C96F



4ABCFF



E59AFA

Sweetspot

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



D4B348



FFF3CC



D4486B



807861



000000



808080

Same Dimension

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



D4B348



FFD036



B1D448



6B6960



AB8300



2B2100

Inverse Universe

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



4869D4



3665FF



6B48D4



60636B



0028AB



000A2B

Previews

White Background



This preview shows how the Hex color D4B348 looks on a white background.

Color Contrast Check

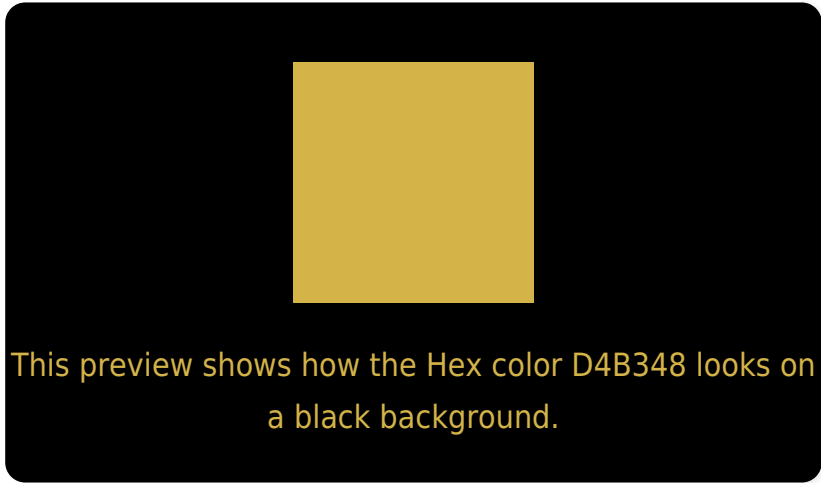
Large Text (above 18pt) WCAG AA × Fail

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 D4B348 Background



This preview shows how black text looks on a background with the Hex color D4B348.

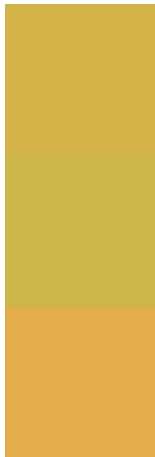


This preview shows how white text looks on a background with the Hex color D4B348.

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
D4B348

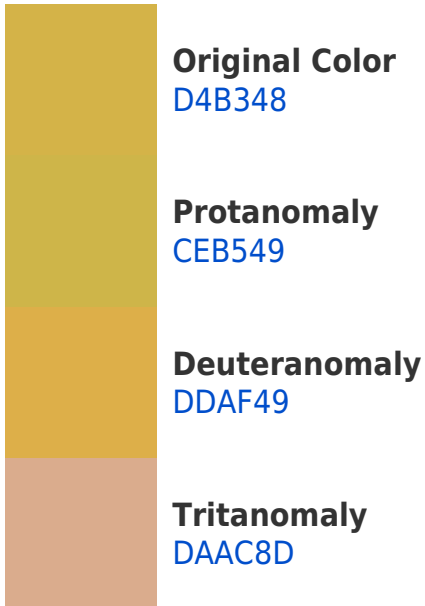
Protanopia
CBB649

Deuteranopia
E2AD4A

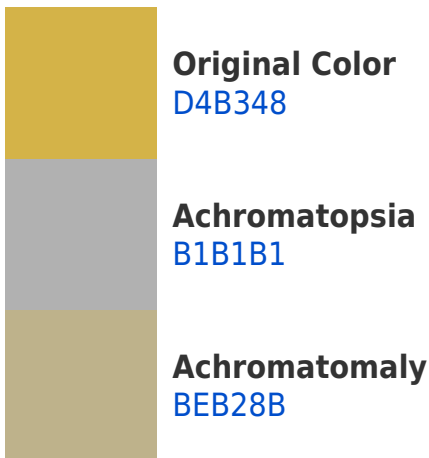


Tritanopia
DDA8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D4B348 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 #D4B348 looks like.

```
.text, #text, p{  
    color:#D4B348  
}
```

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 #D4B348 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4B348
}
```

Border

The CSS property to change the border of an element to Hex D4B348 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
#D4B348 }
```

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

```
.border{ border-color:#D4B348 }
```

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

Here you see how a box with a 4 pixel #D4B348 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4B348; -webkit-box-shadow:4px 4px  
4px 4px #D4B348; box-shadow:4px 4px 4px  
4px #D4B348 }
```

Background

The CSS property to change the background color of an element to Hex D4B348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4B348 }
```

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

```
.background{ background-color:#D4B348 }
```

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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