

Converting Colors

Hex(D4B03E)

Have a look what the booklet for
Hex(D4B03E) contains.

| | |
|--|----|
| Hex(D4B03E) | 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(D4B03E)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D4B03E |
| RGB | 212, 176, 62 |
| RGB Percent | 83%, 69%, 24% |
| CMY | 0.1686, 0.3098, 0.7569 |
| CMYK | 0.00, 0.17, 0.71, 0.17 |
| HSL | 46°, 64%, 54% |
| HSV | 46°, 71%, 83% |
| XYZ | 43.5462, 45.3955, 11.0245 |
| YIQ | 173.7680, 58.0500, -27.8220 |

Conversions

Conversions Part 2

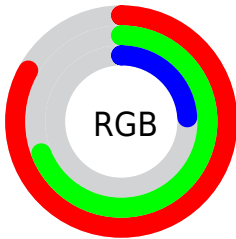
| Format | Color |
|-------------------------------------|---|
| RYB | 109, 212, 62 |
| Decimal | 13938750 |
| CIELab | 73.15, 1.18, 60.49 |
| CIELCh | 73, 60.504, 88.881 |
| Yxy | 45.3955, 0.4356, 0.4541 |
| Android (android.graphics.Color) | 4292128830 (0xFFD4B03E) |
| YUV | 173.7680, -55.1016, 33.5295 |
| Hunter-Lab | 67.3762, -2.5412, 37.4619 |

Details

The Hex color **D4B03E** 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 **3E62D4**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFE774**, and **9A7C00** is the 20% darker color. If you saturate the color by 10%, you get **D4AB29**, and if you desaturate by 10%, it is **D4B553**.

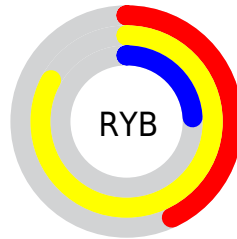
Distribution



Red (83%)

Green (69%)

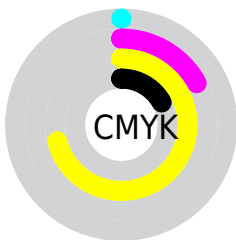
Blue (24%)



Red (43%)

Yellow (83%)

Blue (24%)

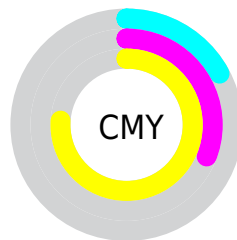


Cyan (0%)

Magenta (17%)

Yellow (71%)

Black (17%)



Cyan (17%)

Magenta (31%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color D4B03E 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 D4B03E by changing the saturation by 10% instead.

 D4B03E

 D4B03E

FFFFFF

 B69621

 FFE774

 9A7C00

 FFFF8F

 7D6300

 FFFFAB

 624C00

 FFFFC7

 463500

 FFFFE4

 2D2000

 130A00

 000000

 D4B03E

 D4B03E

 D4AB29

 D4B553

 D4A614

 D4BA68

 D4A100

 D4BF7E

 D4C493

 D4C9A8

 D4CFBD

 D4D4D2

 D4D9E8

 D4DEFD

Harmonies

Analogous

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



FF9B55



D4B03E



9DC04D

Triad

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



D4B03E



00CEE8



F58FEE

Complementary

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



D4B03E



3E62D4

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.



B2A6FF



D4B03E



00C8FF

Square

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



D4B03E



00CFB0



27BAFF



FF82B8

Rectangle

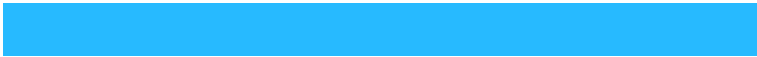
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D4B03E



6FC767



27BAFF



E397FD

Sweetspot

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



D4B03E



FFF2C9



D43E64



807860



000000



808080

Same Dimension

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



D4B03E



FFCB26



AFD43E



6B6960



AB8200



2B2100

Inverse Universe

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



3E62D4



265AFF



643ED4



60636B



0029AB



000A2B

Previews

White Background



This preview shows how the Hex color D4B03E looks on a white background.

Color Contrast Check

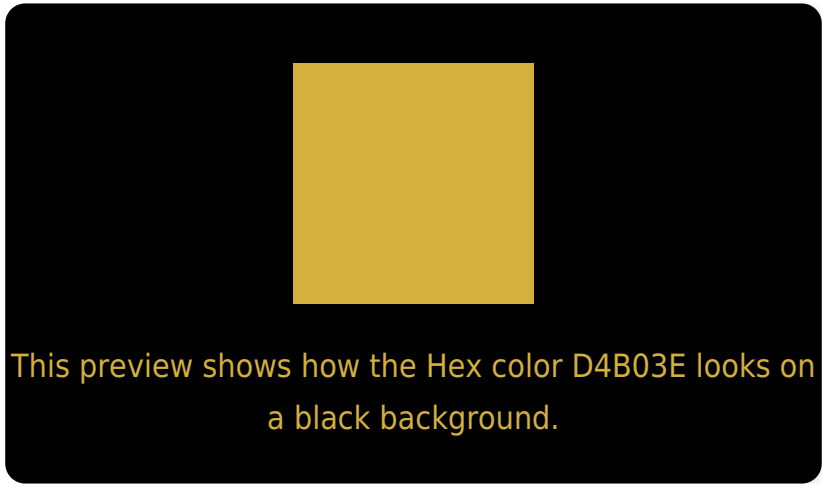
Large Text (above 18pt) WCAG AA × Fail

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 D4B03E Background



This preview shows how black text looks on a background with the Hex color D4B03E.



This preview shows how white text looks on a background with the Hex color D4B03E.

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

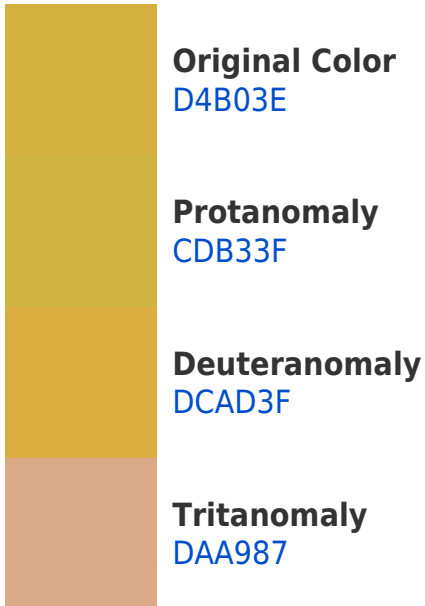


Original Color
D4B03E

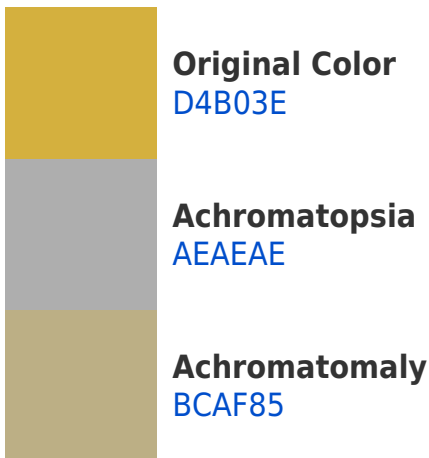
Protanopia
C9B43F

Deuteranopia
E0AB40

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D4B03E 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 #D4B03E looks like.

```
.text, #text, p{  
    color:#D4B03E  
}
```

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 #D4B03E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4B03E
}
```

Border

The CSS property to change the border of an element to Hex D4B03E 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
#D4B03E }
```

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

```
.border{ border-color:#D4B03E }
```

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

Here you see how a box with a 4 pixel #D4B03E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4B03E; -webkit-box-shadow:4px 4px  
4px 4px #D4B03E; box-shadow:4px 4px 4px  
4px #D4B03E }
```

Background

The CSS property to change the background color of an element to Hex D4B03E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4B03E }
```

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

```
.background{ background-color:#D4B03E }
```

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