

Converting Colors

Hex(D4B554)

Have a look what the booklet for
Hex(D4B554) contains.

Hex(D4B554)	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(D4B554)

Conversions

Conversions Part 1

Format	Color
Hex	D4B554
RGB	212, 181, 84
RGB Percent	83%, 71%, 33%
CMY	0.1686, 0.2902, 0.6706
CMYK	0.00, 0.15, 0.60, 0.17
HSL	45°, 60%, 58%
HSV	45°, 60%, 83%
XYZ	45.2755, 47.6849, 15.2053
YIQ	179.2110, 49.6130, -23.5950

Conversions

Conversions Part 2

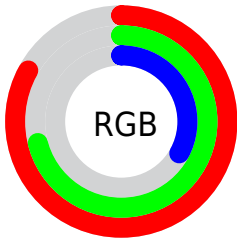
Format	Color
RYB	125, 212, 84
Decimal	13940052
CIELab	74.63, -0.14, 52.49
CIELCh	75, 52.489, 90.149
Yxy	47.6849, 0.4186, 0.4409
Android (android.graphics.Color)	4292130132 (0xFFD4B554)
YUV	179.2110, -46.9390, 28.7560
Hunter-Lab	69.0542, -3.8112, 35.2827

Details

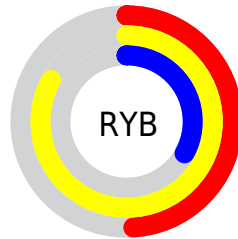
The Hex color **D4B554** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **5473D4**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **FFED89**, and **9A801F** is the 20% darker color. If you saturate the color by 10%, you get **D4B03F**, and if you desaturate by 10%, it is **D4BA69**.

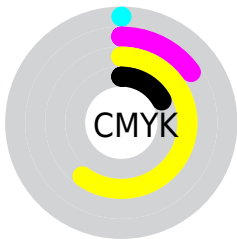
Distribution



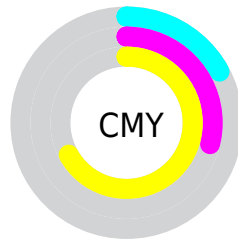
- Red (83%)
- Green (71%)
- Blue (33%)



- Red (49%)
- Yellow (83%)
- Blue (33%)



- Cyan (0%)
- Magenta (15%)
- Yellow (60%)
- Black (17%)



- Cyan (17%)
- Magenta (29%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color D4B554 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 D4B554 by changing the saturation by 10% instead.

 D4B554

 D4B554

FFFFFF

 B79A3A

 FFED89

 9A801F

 FFFFA4

 7E6800

 FFFFC0

 635000

 FFFFDC

 493900

 FFFFF9

 2F2400

 160F00

 000000

 D4B554

 D4B554

 D4B03F

 D4BA69

 D4AB2A

 D4BF7E

 D4A614

 D4C494

 D4A100

 D4CAA9

 D4CFBE

 D4D4D3

 D4D9E8

 D4DEFE

 D4E3FF

Harmonies

Analogous

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



FAA464



D4B554



A3C361

Triad

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



D4B554



00CFE7



F399E8

Complementary

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



D4B554



5473D4

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.



BBABFF



D4B554



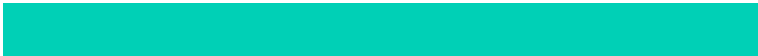
00C9FF

Square

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



D4B554



00D0B6



61BDFE



FF8FB9

Rectangle

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



D4B554



7CCA78



61BDFF



E49EF6

Sweetspot

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



D4B554



FFF4D1



D45474



807963



000000



808080

Same Dimension

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



D4B554



FFD347



B4D454



6B6960



AB8100



2B2100

Inverse Universe

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



5473D4



4774FF



7454D4



60636B



0029AB



000A2B

Previews

White Background



This preview shows how the Hex color D4B554 looks on a white background.

Color Contrast Check

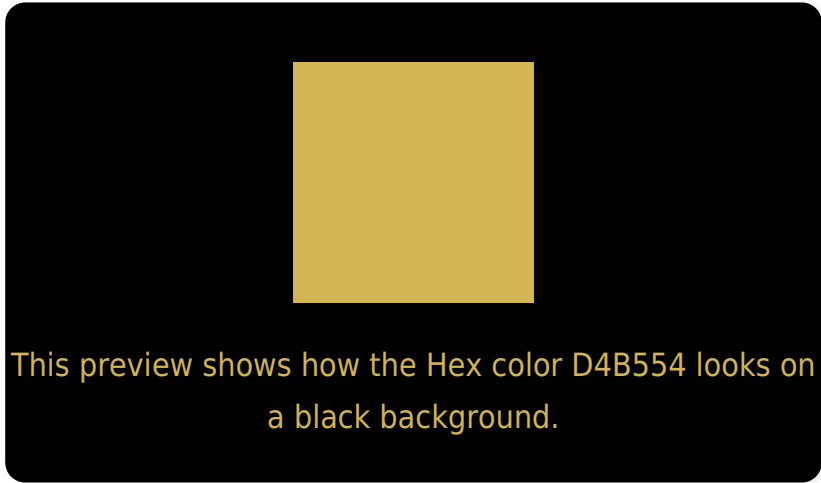
Large Text (above 18pt) WCAG AA × Fail

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 D4B554 Background



This preview shows how black text looks on a background with the Hex color D4B554.

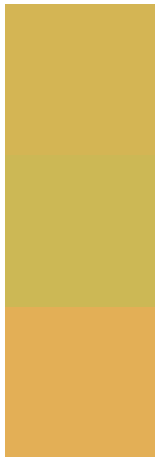


This preview shows how white text looks on a background with the Hex color D4B554.

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
D4B554

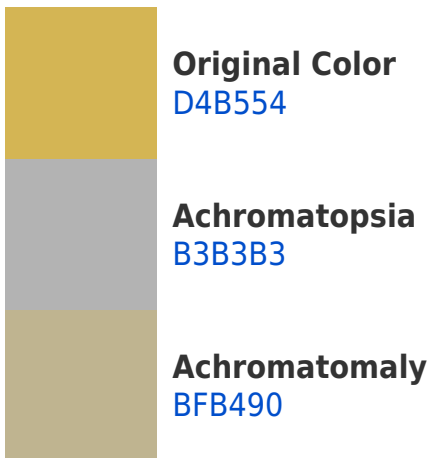
Protanopia
CCB855

Deuteranopia
E3AF56

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D4B554 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 #D4B554 looks like.

```
.text, #text, p{  
    color:#D4B554  
}
```

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 #D4B554 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4B554
}
```

Border

The CSS property to change the border of an element to Hex D4B554 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
#D4B554 }
```

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

```
.border{ border-color:#D4B554 }
```

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

Here you see how a box with a 4 pixel #D4B554 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4B554; -webkit-box-shadow:4px 4px  
4px 4px #D4B554; box-shadow:4px 4px 4px  
4px #D4B554 }
```

Background

The CSS property to change the background color of an element to Hex D4B554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4B554 }
```

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

```
.background{ background-color:#D4B554 }
```

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