

Converting Colors

Hex(D4B567)

Have a look what the booklet for
Hex(D4B567) contains.

Hex(D4B567)	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(D4B567)

Conversions

Conversions Part 1

Format	Color
Hex	D4B567
RGB	212, 181, 103
RGB Percent	83%, 71%, 40%
CMY	0.1686, 0.2902, 0.5961
CMYK	0.00, 0.15, 0.51, 0.17
HSL	43°, 56%, 62%
HSV	43°, 51%, 83%
XYZ	46.1234, 48.0241, 19.6706
YIQ	181.3770, 43.5140, -17.6860

Conversions

Conversions Part 2

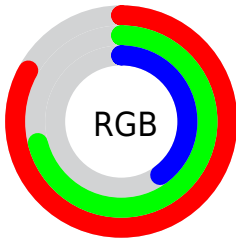
Format	Color
R_{YB}	146, 212, 103
Decimal	13940071
CIE _{Lab}	74.84, 1.36, 43.56
CIE _{LCh}	75, 43.580, 88.209
Yxy	48.0241, 0.4052, 0.4219
Android (android.graphics.Color)	4292130151 (0xFFD4B567)
YUV	181.3770, -38.6399, 26.8564
Hunter-Lab	69.2994, -2.4701, 31.6802

Details

The Hex color **D4B567** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6786D4**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFED9C**, and **9B8035** is the 20% darker color. If you saturate the color by 10%, you get **D4AF52**, and if you desaturate by 10%, it is **D4BB7C**.

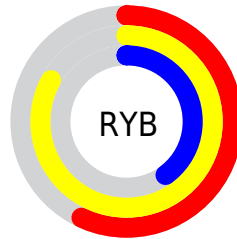
Distribution



Red (83%)

Green (71%)

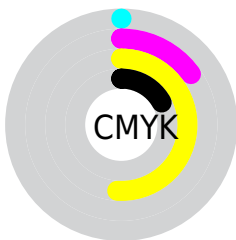
Blue (40%)



Red (57%)

Yellow (83%)

Blue (40%)

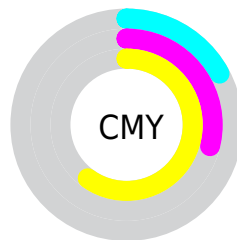


Cyan (0%)

Magenta (15%)

Yellow (51%)

Black (17%)



Cyan (17%)

Magenta (29%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color D4B567 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 D4B567 by changing the saturation by 10% instead.

 D4B567

 D4B567

FFFFFF

 B79A4E

 FFED9C

 9B8035

 FFFFB7

 7F671C

 FFFFD3

 655000

 FFFFF0

 4B3900

 312400

 180F00

 000000

 D4B567

 D4B567

 D4AF52

 D4BB7C

 D4A93D

 D4C191

 D4A327

 D4C7A7

 D49D12

 D4CDBC

 D49800

 D4D3D1

 D4D9E6

 D4DFFB

 D4E5FF

 D4EBFF

Harmonies

Analogous

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



F4A775



D4B567



ABC170

Triad

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



D4B567



00CDDD



E8A0E3

Complementary

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



D4B567



6786D4

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.



B9AFFF



D4B567



09C7FB

Square

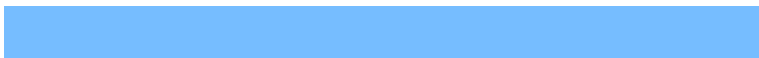
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D4B567



3DCDB4



76BDFE



FF98BC

Rectangle

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



D4B567



8CC781



76BDFF



DBA5EE

Sweetspot

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



D4B567



FFF4D9



D46788



807969



000000



808080

Same Dimension

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



D4B567



FFD261



BED467



6B6860



AB7A00



2B1F00

Inverse Universe

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



6786D4



618EFF



7D67D4



60636B



0031AB



000C2B

Previews

White Background



This preview shows how the Hex color D4B567 looks on a white background.

Color Contrast Check

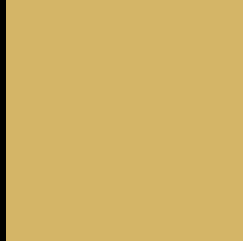
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color D4B567 looks on a 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 D4B567 Background



This preview shows how black text looks on a background with the Hex color D4B567.

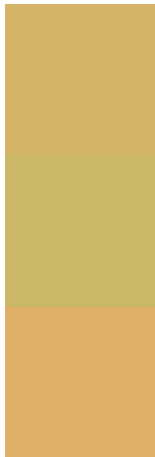


This preview shows how white text looks on a background with the Hex color D4B567.

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
D4B567

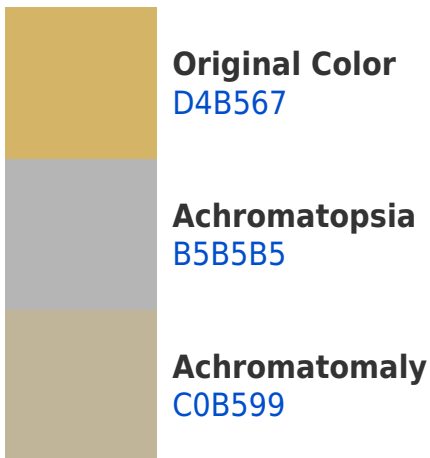
Protanopia
CAB868

Deuteranopia
E1B068

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D4B567 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 #D4B567 looks like.

```
.text, #text, p{  
    color:#D4B567  
}
```

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 #D4B567 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4B567
}
```

Border

The CSS property to change the border of an element to Hex D4B567 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
#D4B567 }
```

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

```
.border{ border-color:#D4B567 }
```

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

Here you see how a box with a 4 pixel #D4B567 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4B567; -webkit-box-shadow:4px 4px  
4px 4px #D4B567; box-shadow:4px 4px 4px  
4px #D4B567 }
```

Background

The CSS property to change the background color of an element to Hex D4B567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4B567 }
```

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

```
.background{ background-color:#D4B567 }
```

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