

Converting Colors

Hex(D5AC76)

Have a look what the booklet for
Hex(D5AC76) contains.

Hex(D5AC76)	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(D5AC76)

Conversions

Conversions Part 1

Format	Color
Hex	D5AC76
RGB	213, 172, 118
RGB Percent	84%, 67%, 46%
CMY	0.1647, 0.3255, 0.5373
CMYK	0.00, 0.19, 0.45, 0.16
HSL	34°, 53%, 65%
HSV	34°, 45%, 84%
XYZ	45.4631, 44.9592, 23.4214
YIQ	178.1030, 41.7700, -8.1020

Conversions

Conversions Part 2

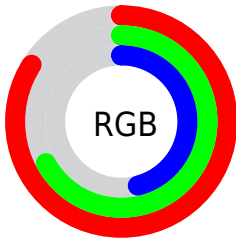
Format	Color
RYB	190, 213, 118
Decimal	14003318
CIELab	72.87, 7.99, 33.38
CIELCh	73, 34.325, 76.537
Yxy	44.9592, 0.3993, 0.3949
Android (android.graphics.Color)	4292193398 (0xFFD5AC76)
YUV	178.1030, -29.6308, 30.6047
Hunter-Lab	67.0516, 3.6883, 26.2259

Details

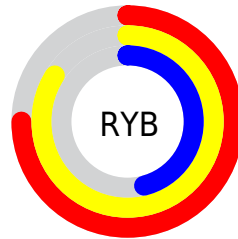
The Hex color **D5AC76** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **769FD5**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFE3AB**, and **9C7845** is the 20% darker color. If you saturate the color by 10%, you get **D5A361**, and if you desaturate by 10%, it is **D5B58B**.

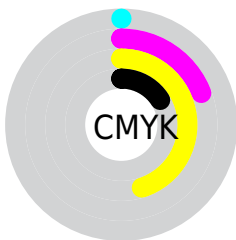
Distribution



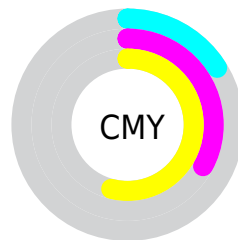
- Red (84%)
- Green (67%)
- Blue (46%)



- Red (75%)
- Yellow (84%)
- Blue (46%)



- Cyan (0%)
- Magenta (19%)
- Yellow (45%)
- Black (16%)



- Cyan (16%)
- Magenta (33%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color D5AC76 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 D5AC76 by changing the saturation by 10% instead.

 D5AC76

 D5AC76


FFFFFF

 B8915D

 FFE3AB

 9C7845

 FFFFC6

 815F2D

 FFFFE2

 664816

 4D3100

 331C00

 1B0400

 000000

 D5AC76

 D5AC76

 D5A361

 D5B58B

 D59A4B

 D5BEA1

 D59036

 D5C8B6

 D58721

 D5D1CB

 D57E0B

 D5DAE1

 D57900

 D5E3F6

 D5ECFF

 D5F6FF

 D5FFFF

Harmonies

Analogous

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



EAA287



D5AC76



B7B676

Triad

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



D5AC76



4CC4C4



CCA5DE

Complementary

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



D5AC76



769FD5

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.



A3B0EF



D5AC76



4BC1DF

Square

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



D5AC76



6DC3A3



72BAEF



E89DC2

Rectangle

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



D5AC76



9FBC7F



72BAEF



C0A8E5

Sweetspot

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



D5AC76



FFF1DE



D5769F



80776B



000000



808080

Same Dimension

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



D5AC76



FFC475



CFD576



6B6660



AB6100



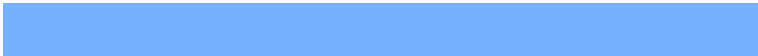
2B1900

Inverse Universe

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



769FD5



75B1FF



7C76D5



60656B



004AAB



00132B

Previews

White Background



This preview shows how the Hex color D5AC76 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 D5AC76 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 D5AC76 Background



This preview shows how black text looks on a background with the Hex color D5AC76.

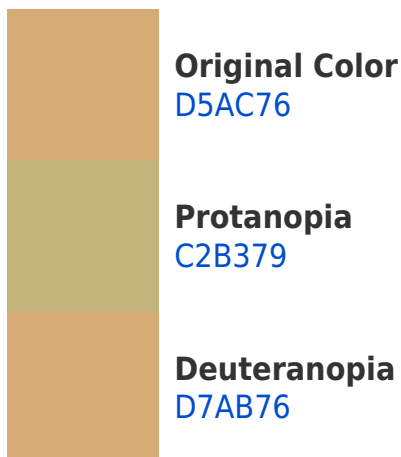


This preview shows how white text looks on a background with the Hex color D5AC76.

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](#).

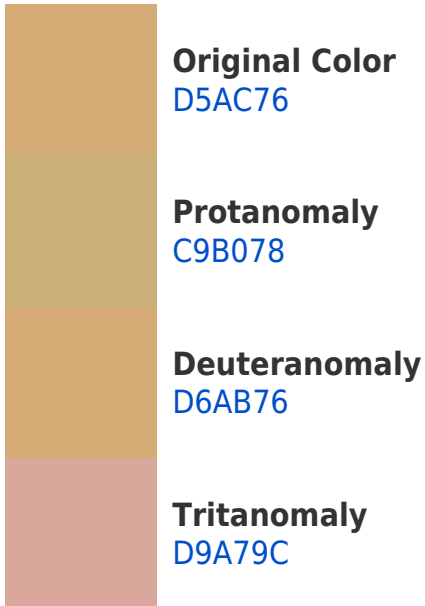
Dichromacy



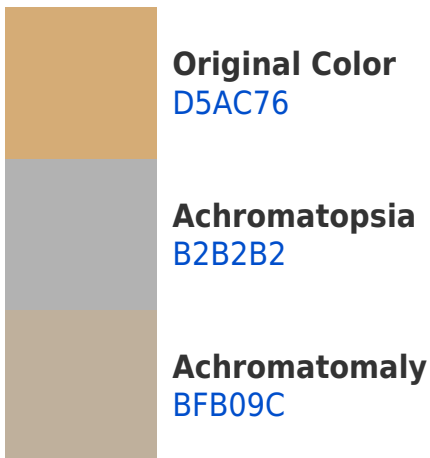


Tritanopia
DBA4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D5AC76 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 #D5AC76 looks like.

```
.text, #text, p{  
    color:#D5AC76  
}
```

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 #D5AC76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5AC76
}
```

Border

The CSS property to change the border of an element to Hex D5AC76 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
#D5AC76 }
```

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

```
.border{ border-color:#D5AC76 }
```

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

Here you see how a box with a 4 pixel #D5AC76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5AC76; -webkit-box-shadow:4px 4px  
4px 4px #D5AC76; box-shadow:4px 4px 4px  
4px #D5AC76 }
```

Background

The CSS property to change the background color of an element to Hex D5AC76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5AC76 }
```

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

```
.background{ background-color:#D5AC76 }
```

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