

# Converting Colors

Hex(D5D5A2)

Have a look what the booklet for  
Hex(D5D5A2) contains.

<b>Hex(D5D5A2)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(D5D5A2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D5D5A2
RGB	213, 213, 162
RGB Percent	84%, 84%, 64%
CMY	0.1647, 0.1647, 0.3647
CMYK	0.00, 0.00, 0.24, 0.16
HSL	60°, 38%, 74%
HSV	60°, 24%, 84%
XYZ	57.7564, 64.3433, 43.5578
YIQ	207.1860, 16.3710, -15.8610

# Conversions

## Conversions Part 2

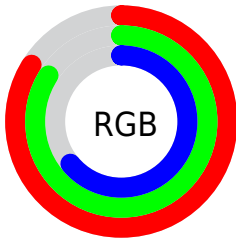
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	162, 213, 162
Decimal	14013858
CIE Lab	84.14, -8.15, 25.30
CIE LCh	84, 26.577, 107.863
Yxy	64.3433, 0.3486, 0.3884
Android (android.graphics.Color)	4292203938 (0xFFD5D5A2)
YUV	207.1860, -22.2767, 5.0989
Hunter-Lab	80.2143, -11.8502, 23.9544

# Details

The Hex color **D5D5A2** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **A2A2D5**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **FFFFD9**, and **9E9E6E** is the 20% darker color. If you saturate the color by 10%, you get **D5D58D**, and if you desaturate by 10%, it is **D5D5B7**.

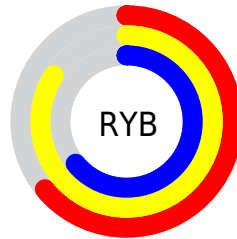
# Distribution



Red (84%)

Green (84%)

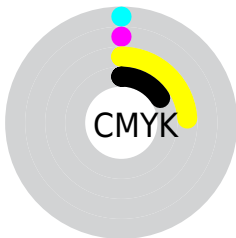
Blue (64%)



Red (64%)

Yellow (84%)

Blue (64%)

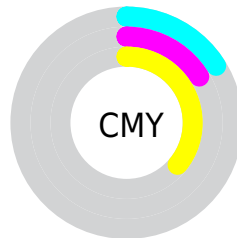


Cyan (0%)

Magenta (0%)

Yellow (24%)

Black (16%)



Cyan (16%)

Magenta (16%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D5D5A2 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 D5D5A2 by changing the saturation by 10% instead.



 D5D5A2

FFFFFF

 FFFFD9

 FFFFF6

 D5D5A2

 B9B988

 9E9E6E

 838455

 6A6B3E

 515327

 393C11

 242600

 021300

 000000

 D5D5A2

 D5D5A2

 D5D58D

 D5D5B7

 D5D577

 D5D5CD

 D5D562

 D5D5E2

 D5D54D

 D5D5F7

 D5D538

 D5D5FF

 D5D522

 D5D50D

 D5D500

# Harmonies

## Analogous

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



EECDA1



D5D5A2



B8DCB0

# Triad

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



D5D5A2



8FDDF6



FEC1DD

# Complementary

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



D5D5A2



A2A2D5

# Split Complementary

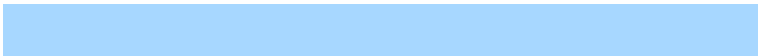
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E8C7F4



D5D5A2



A7D7FF

# Square

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



D5D5A2



8CE0E0



C8CFFF



FFC0C4

# Rectangle

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



D5D5A2



A6DFBE



C8CFFF



F8C2E5



# Sweetspot

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



D5D5A2



FFFFED



D5A2A2



808075



000000



808080



# Same Dimension

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



D5D5A2



FFFFB5



BBD5A2



6B6B60



ABAB00



2B2B00



# Inverse Universe

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



A2A2D5



B5B5FF



BBA2D5



60606B



0000AB

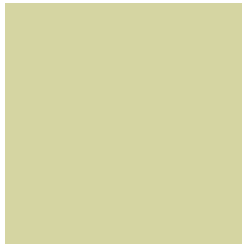


00002B



# Previews

## White Background



This preview shows how the Hex color D5D5A2 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 D5D5A2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

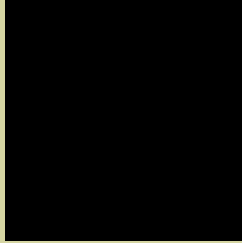
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D5D5A2 Background



This preview shows how black text looks on a background with the Hex color D5D5A2.

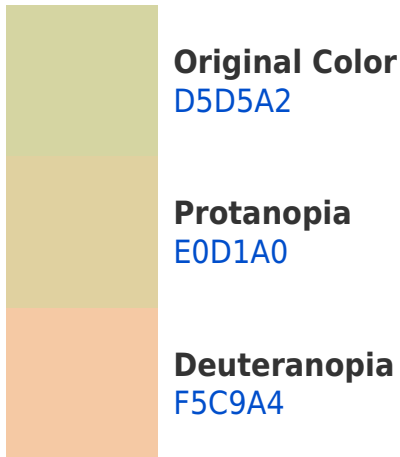


This preview shows how white text looks on a background with the Hex color D5D5A2.

# Color Blindness Simulation

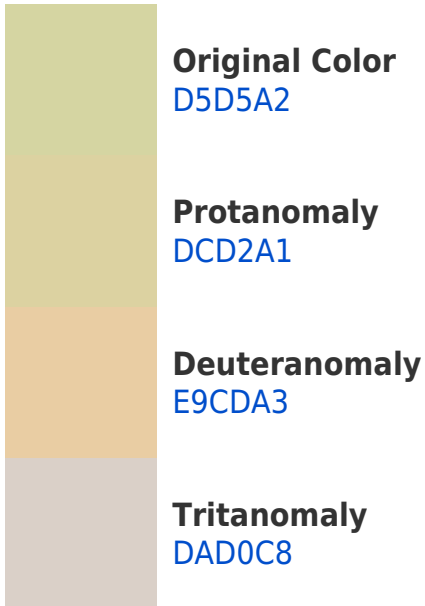
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

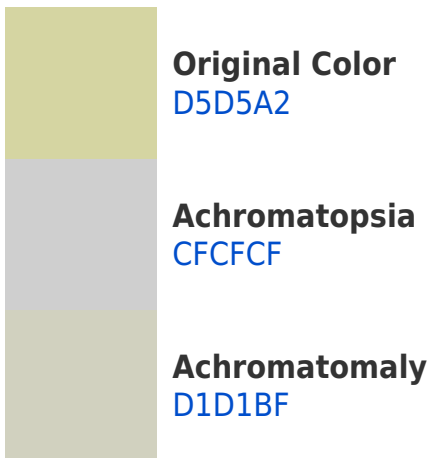




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D5D5A2 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 #D5D5A2 looks like.

```
.text, #text, p{  
    color:#D5D5A2  
}
```

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 #D5D5A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5D5A2
}
```

## Border

The CSS property to change the border of an element to Hex D5D5A2 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
#D5D5A2 }
```

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

```
.border{ border-color:#D5D5A2 }
```

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

Here you see how a box with a 4 pixel #D5D5A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5D5A2; -webkit-box-shadow:4px 4px  
4px 4px #D5D5A2; box-shadow:4px 4px 4px  
4px #D5D5A2 }
```

# Background

The CSS property to change the background color of an element to Hex D5D5A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5D5A2 }
```

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

```
.background{ background-color:#D5D5A2 }
```

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