

# Converting Colors

Hex(D5DA90)

Have a look what the booklet for  
Hex(D5DA90) contains.

<b>Hex(D5DA90)</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(D5DA90)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D5DA90
RGB	213, 218, 144
RGB Percent	84%, 85%, 56%
CMY	0.1647, 0.1451, 0.4353
CMYK	0.02, 0.00, 0.34, 0.15
HSL	64°, 50%, 71%
HSV	64°, 34%, 85%
XYZ	57.5460, 66.3026, 36.1502
YIQ	208.0690, 20.7740, -24.0740

# Conversions

## Conversions Part 2

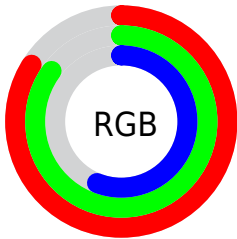
Format	Color
<b>RYB</b>	144, 218, 149
Decimal	14015120
CIELab	85.15, -13.00, 35.91
CIELCh	85, 38.191, 109.908
Yxy	66.3026, 0.3597, 0.4144
Android (android.graphics.Color)	4292205200 (0xFFD5DA90)
YUV	208.0690, -31.5860, 4.3245
Hunter-Lab	81.4264, -16.3459, 30.6760

# Details

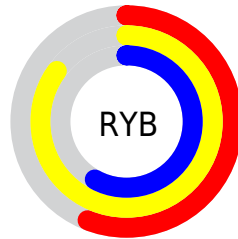
The Hex color **D5DA90** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **9590DA**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **FFFFC7**, and **9DA35C** is the 20% darker color. If you saturate the color by 10%, you get **D4DA7A**, and if you desaturate by 10%, it is **D6DAA6**.

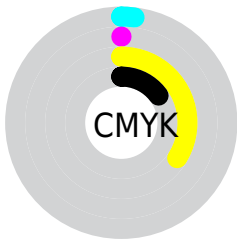
# Distribution



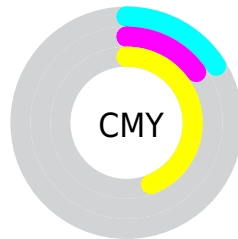
- Red (84%)
- Green (85%)
- Blue (56%)



- Red (56%)
- Yellow (85%)
- Blue (58%)



- Cyan (2%)
- Magenta (0%)
- Yellow (34%)
- Black (15%)



- Cyan (16%)
- Magenta (15%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D5DA90 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 D5DA90 by changing the saturation by 10% instead.



 D5DA90

 D5DA90

FFFFFF

 B9BE76

 FFFFC7

 9DA35C

 FFFF E3

 828944

 68702C

 4F5714

 374000

 202A00

 001700

 000000

 D5DA90

 D5DA90

 D4DA7A

 D6DAA6

 D2DA64

 D8DABC

 D1DA4F

 D9DAD1

 CFDA39

 DBDAE7

 CEDA23

 DCDAFD

 CCDA0D

 DEDAFF

 CBDA00

 DFDAFF

 E1DAFF

 E2DAFF

# Harmonies

## Analogous

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



F9CE8E



D5DA90



ACE3A5

# Triad

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



D5DA90



63E4FF



FFBBE2

# Complementary

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



D5DA90



9590DA

# 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.



F7C3FF



D5DA90



91DCFF

# Square

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



D5DA90



5EE8EC



C8D0FF



FFBABE

# Rectangle

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



D5DA90



8FE7BB



C8D0FF



FFBDEE



# Sweetspot

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



D5DA90



FDFFE6



DA9590



7E8070



000000



808080



# Same Dimension

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



D5DA90



F8FF96



B0DA90



6D6E63



A2AD00



2B2E00



# Inverse Universe

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



9590DA



9E96FF



BA90DA



63636E



0C00AD



03002E



# Previews

## White Background



This preview shows how the Hex color D5DA90 looks on a white background.

## Color Contrast Check

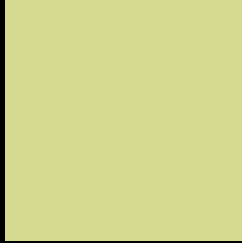
Large Text (above 18pt) WCAG AA × Fail

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 D5DA90 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

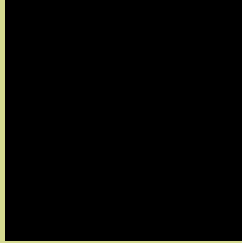
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D5DA90 Background



This preview shows how black text looks on a background with the Hex color D5DA90.

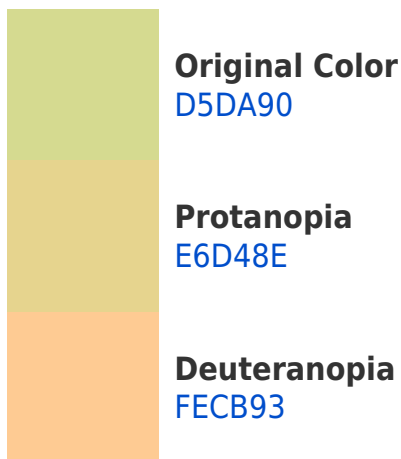


This preview shows how white text looks on a background with the Hex color D5DA90.

# 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](#).

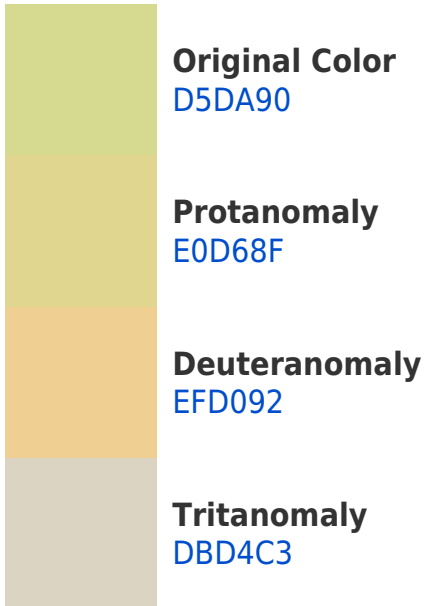
## Dichromacy





**Tritanopia**  
DFD0E0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D5DA90 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 #D5DA90 looks like.

```
.text, #text, p{  
    color:#D5DA90  
}
```

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 #D5DA90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5DA90  
}
```

## Border

The CSS property to change the border of an element to Hex D5DA90 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  
#D5DA90 }
```

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

```
.border{ border-color:#D5DA90 }
```

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

Here you see how a box with a 4 pixel #D5DA90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5DA90; -webkit-box-shadow:4px 4px  
4px 4px #D5DA90; box-shadow:4px 4px 4px  
4px #D5DA90 }
```

# Background

The CSS property to change the background color of an element to Hex D5DA90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5DA90 }
```

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

```
.background{ background-color:#D5DA90 }
```

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