

Converting Colors

Hex(D7DA57)

Have a look what the booklet for
Hex(D7DA57) contains.

Hex(D7DA57)	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(D7DA57)

Conversions

Conversions Part 1

Format	Color
Hex	D7DA57
RGB	215, 218, 87
RGB Percent	84%, 85%, 34%
CMY	0.1569, 0.1451, 0.6588
CMYK	0.01, 0.00, 0.60, 0.15
HSL	61°, 64%, 60%
HSV	61°, 60%, 85%
XYZ	54.8160, 65.2780, 18.7276
YIQ	202.1690, 40.2630, -41.3770

Conversions

Conversions Part 2

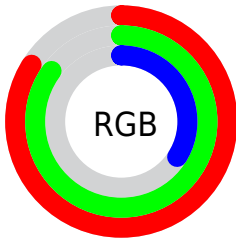
Format	Color
R _Y B	87, 218, 90
Decimal	14146135
CIE Lab	84.63, -17.54, 62.27
CIE LCh	85, 64.693, 105.736
Yxy	65.2780, 0.3949, 0.4702
Android (android.graphics.Color)	4292336215 (0xFFD7DA57)
YUV	202.1690, -56.7783, 11.2528
Hunter-Lab	80.7948, -20.2858, 42.8134

Details

The Hex color **D7DA57** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **5A57DA**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FFFF8E**, and **9DA31C** is the 20% darker color. If you saturate the color by 10%, you get **D7DA41**, and if you desaturate by 10%, it is **D7DA6D**.

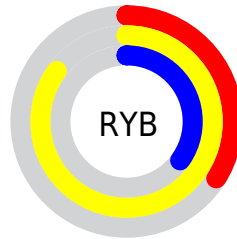
Distribution



Red (84%)

Green (85%)

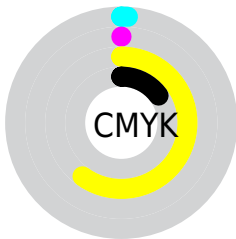
Blue (34%)



Red (34%)

Yellow (85%)

Blue (35%)

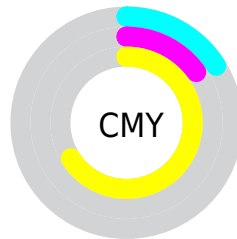


Cyan (1%)

Magenta (0%)

Yellow (60%)

Black (15%)



Cyan (16%)

Magenta (15%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color D7DA57 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 D7DA57 by changing the saturation by 10% instead.

 D7DA57

 D7DA57

FFFFFF

 BABE3B

 FFFF8E

 9DA31C

 FFFFAA

 818900

 FFFFC6

 667000

 FFFF E3

 4C5700

 314000

 172A00

 001800

 000000

 D7DA57

 D7DA57

 D7DA41

 D7DA6D

 D6DA2B

 D8DA83

 D6DA16

 D8DA98

 D5DA00

 D9DAAE

 D9DAC4

 DADADA

 DADAF0

 DBDAFF

Harmonies

Analogous

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



FFC659



D7DA57



92E87A

Triad

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



D7DA57



00EEFF



FFA2F3

Complementary

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



D7DA57



5A57DA

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.



FFB6FF



D7DA57



00E2FF

Square

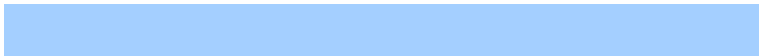
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D7DA57



00F2F2



A4CFFF



FF9FB5

Rectangle

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



D7DA57



4FEE9F



A4CFFF



FFA7FF

Sweetspot

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



D7DA57



FEFFD1



DA5957



7F8063



000000



808080

Same Dimension

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



D7DA57



FBFF47



96DA57



6D6E63



A9AD00



2D2E00

Inverse Universe

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



5A57DA



4C47FF



9B57DA



63636E



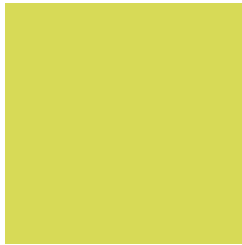
0400AD



01002E

Previews

White Background



This preview shows how the Hex color D7DA57 looks on a white background.

Color Contrast Check

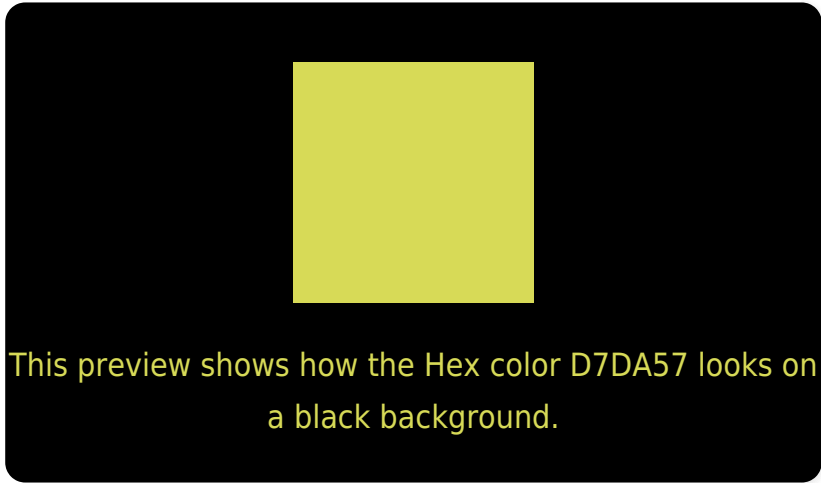
Large Text (above 18pt) WCAG AA × Fail

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 D7DA57 Background



This preview shows how black text looks on a background with the Hex color D7DA57.

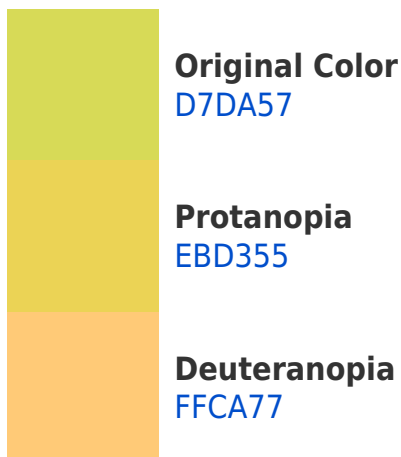


This preview shows how white text looks on a background with the Hex color D7DA57.

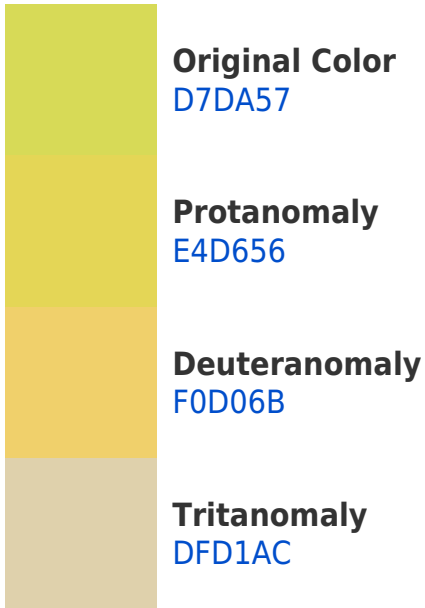
Color Blindness Simulation

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](#).

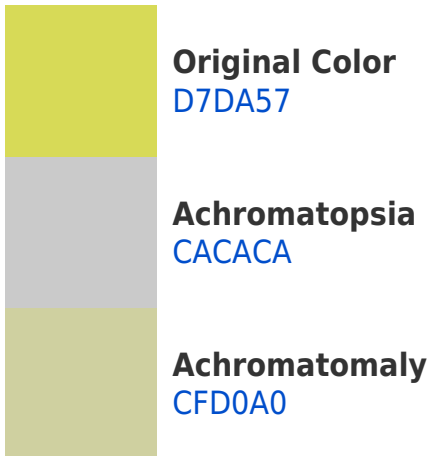
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D7DA57 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 #D7DA57 looks like.

```
.text, #text, p{  
    color:#D7DA57  
}
```

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 #D7DA57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7DA57
}
```

Border

The CSS property to change the border of an element to Hex D7DA57 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
#D7DA57 }
```

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

```
.border{ border-color:#D7DA57 }
```

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

Here you see how a box with a 4 pixel #D7DA57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7DA57; -webkit-box-shadow:4px 4px  
4px 4px #D7DA57; box-shadow:4px 4px 4px  
4px #D7DA57 }
```

Background

The CSS property to change the background color of an element to Hex D7DA57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7DA57 }
```

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

```
.background{ background-color:#D7DA57 }
```

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