

# Converting Colors

Hex(D9D962)

Have a look what the booklet for  
Hex(D9D962) contains.

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# **Color**

**Hex(D9D962)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | D9D962                      |
| RGB         | 217, 217, 98                |
| RGB Percent | 85%, 85%, 38%               |
| CMY         | 0.1490, 0.1490, 0.6157      |
| CMYK        | 0.00, 0.00, 0.55, 0.15      |
| HSL         | 60°, 61%, 62%               |
| HSV         | 60°, 55%, 85%               |
| XYZ         | 55.6327, 65.2593, 21.2194   |
| YIQ         | 203.4340, 38.1990, -37.0090 |

# Conversions

## Conversions Part 2

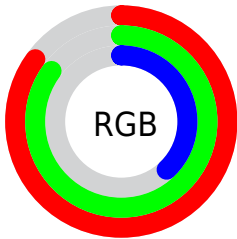
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 98, 217, 98                    |
| Decimal                             | 14276962                       |
| CIELab                              | 84.62, -15.45, 57.52           |
| CIELCh                              | 85, 59.561, 105.031            |
| Yxy                                 | 65.2593, 0.3915,<br>0.4592     |
| Android<br>(android.graphics.Color) | 4292467042<br>(0xFFD9D962)     |
| YUV                                 | 203.4340, -51.9790,<br>11.8974 |
| Hunter-Lab                          | 80.7832, -18.4435,<br>40.9745  |

# Details

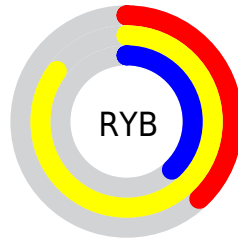
The Hex color **D9D962** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **6262D9**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **FFFF98**, and **A0A22C** is the 20% darker color. If you saturate the color by 10%, you get **D9D94C**, and if you desaturate by 10%, it is **D9D978**.

# Distribution



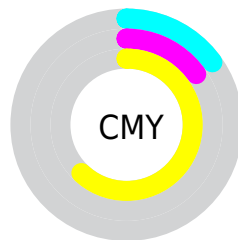
- Red (85%)
- Green (85%)
- Blue (38%)



- Red (38%)
- Yellow (85%)
- Blue (38%)



- Cyan (0%)
- Magenta (0%)
- Yellow (55%)
- Black (15%)



- Cyan (15%)
- Magenta (15%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D9D962 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 D9D962 by changing the saturation by 10% instead.



 D9D962

 D9D962

FFFFFF

 BCBD47

 FFFF98

 A0A22C

 FFFF84

 848808

 FFFF80

 686F00

 FFFF70

 4E5700

 344000

 1B2A00

 001700

 000000

 D9D962

 D9D962

 D9D94C

 D9D978

 D9D937

 D9D98D

 D9D921

 D9D9A3

 D9D90B

 D9D9B9

 D9D900

 D9D9CF

 D9D9E4

 D9D9FA

 D9D9FF

# Harmonies

## Analogous

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



FFC665



D9D962



9AE681

# Triad

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



D9D962



00ECFF



FFA7F2

# Complementary

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



D9D962



6262D9

# 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.



FCB9FF



D9D962



00E1FF

# Square

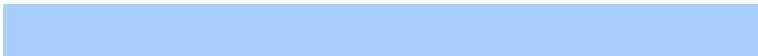
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D9D962



00F0EF



A8CFFF



FFA4B9

# Rectangle

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



D9D962



63ECA2



A8CFFF



FFACFF



# Sweetspot

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



D9D962



FFFFD6



D96262



808067



000000



808080



# Same Dimension

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



D9D962



FFFF57



9ED962



6E6E63



ADAD00



2E2E00



# Inverse Universe

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



6262D9



5757FF



9E62D9



63636E



0000AD



00002E



# Previews

## White Background



This preview shows how the Hex color D9D962 looks on a white background.

## Color Contrast Check

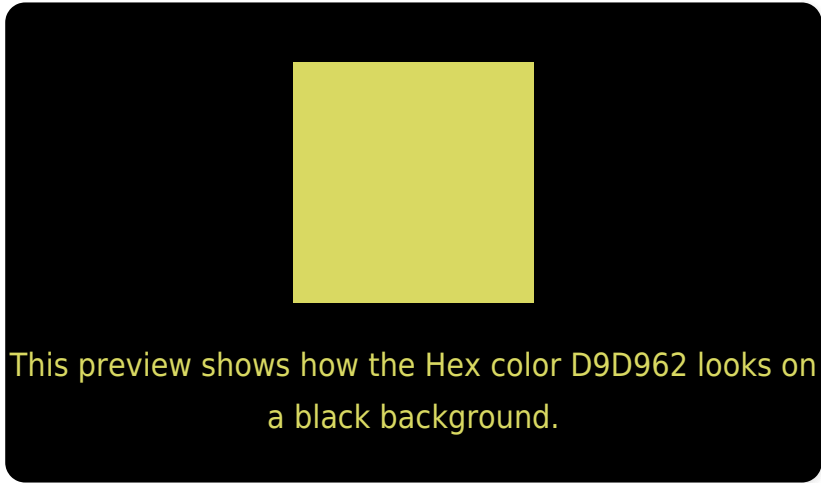
Large Text (above 18pt) WCAG AA × Fail

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 D9D962 Background



This preview shows how black text looks on a background with the Hex color D9D962.

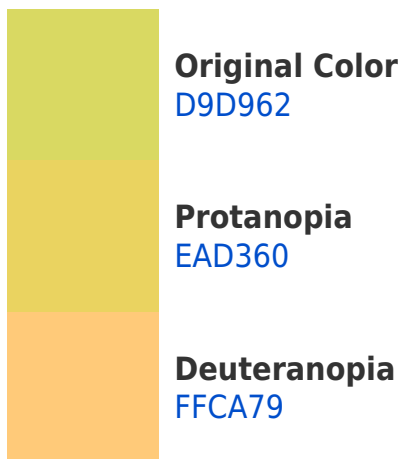


This preview shows how white text looks on a background with the Hex color D9D962.

# Color Blindness Simulation

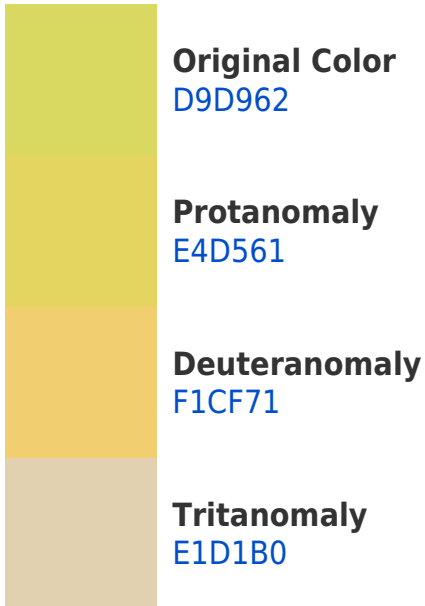
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D9D962 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 #D9D962 looks like.

```
.text, #text, p{  
    color:#D9D962  
}
```

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 #D9D962 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9D962
}
```

## Border

The CSS property to change the border of an element to Hex D9D962 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
#D9D962 }
```

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

```
.border{ border-color:#D9D962 }
```

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

Here you see how a box with a 4 pixel #D9D962 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9D962; -webkit-box-shadow:4px 4px  
4px 4px #D9D962; box-shadow:4px 4px 4px  
4px #D9D962 }
```

# Background

The CSS property to change the background color of an element to Hex D9D962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9D962 }
```

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

```
.background{ background-color:#D9D962 }
```

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](#).



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