

# Converting Colors

Hex(D3DA68)

Have a look what the booklet for  
Hex(D3DA68) contains.

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# **Color**

**Hex(D3DA68)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | D3DA68                      |
| RGB         | 211, 218, 104               |
| RGB Percent | 83%, 85%, 41%               |
| CMY         | 0.1725, 0.1451, 0.5922      |
| CMYK        | 0.03, 0.00, 0.52, 0.15      |
| HSL         | 64°, 61%, 63%               |
| HSV         | 64°, 52%, 85%               |
| XYZ         | 54.4341, 64.9912, 22.7723   |
| YIQ         | 202.9110, 32.4220, -36.9380 |

# Conversions

## Conversions Part 2

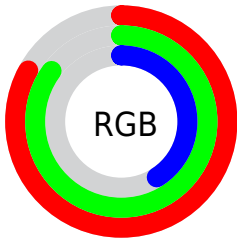
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| <a href="#">RYB</a>                 | 104, 218, 111                 |
| Decimal                             | 13884008                      |
| CIELab                              | 84.48, -17.88, 54.52          |
| CIELCh                              | 84, 57.379, 108.154           |
| Yxy                                 | 64.9912, 0.3828,<br>0.4570    |
| Android<br>(android.graphics.Color) | 4292074088<br>(0xFFD3DA68)    |
| YUV                                 | 202.9110, -48.7631,<br>7.0941 |
| Hunter-Lab                          | 80.6171, -20.5536,<br>39.6841 |

# Details

The Hex color **D3DA68** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **6F68DA**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FFFF9E**, and **9AA333** is the 20% darker color. If you saturate the color by 10%, you get **D2DA52**, and if you desaturate by 10%, it is **D4DA7E**.

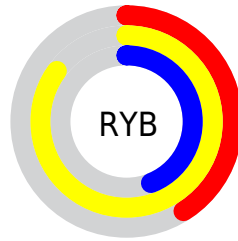
# Distribution



Red (83%)

Green (85%)

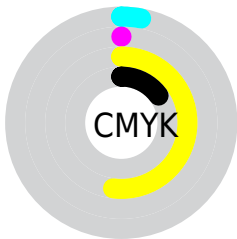
Blue (41%)



Red (41%)

Yellow (85%)

Blue (44%)

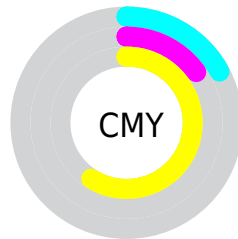


Cyan (3%)

Magenta (0%)

Yellow (52%)

Black (15%)



Cyan (17%)

Magenta (15%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D3DA68 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 D3DA68 by changing the saturation by 10% instead.



 D3DA68

 D3DA68

FFFFFF

 B6BE4E

 FFFF9E

 9AA333

 FFFFBA

 7F8915

 FFFFFD6

 647000

 FFFFF3

 4A5700

 304000

 162A00

 001800

 000000

 D3DA68

 D3DA68

 D2DA52

 D4DA7E

 D0DA3C

 D6DA94

 CFDA27

 D7DAA9

 CEDA11

 D8DABF

 CDDA00

 DADAD5

 DBDAEB

 DCDAFF

 DEDAFF

 DFDAFF

# Harmonies

## Analogous

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



FFC867



D3DA68



95E688

# Triad

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



D3DA68



00EAFB



FFA8EB

# Complementary

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



D3DA68



6F68DA

# 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.



FFB8FF



D3DA68



2BDFFF

# Square

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



D3DA68



00EEF3



B4CDFF



FFA7B4

# Rectangle

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



D3DA68



5FECA9



B4CDFF



FFACFC



# Sweetspot

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



D3DA68



FCFFD6



DA6E68



7E8067



000000



808080



# Same Dimension

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



D3DA68



F5FF5E



9BDA68



6D6E63



A3AD00



2B2E00



# Inverse Universe

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



6F68DA



685EFF



A768DA



63636E



0B00AD



03002E



# Previews

## White Background



This preview shows how the Hex color D3DA68 looks on a white background.

## Color Contrast Check

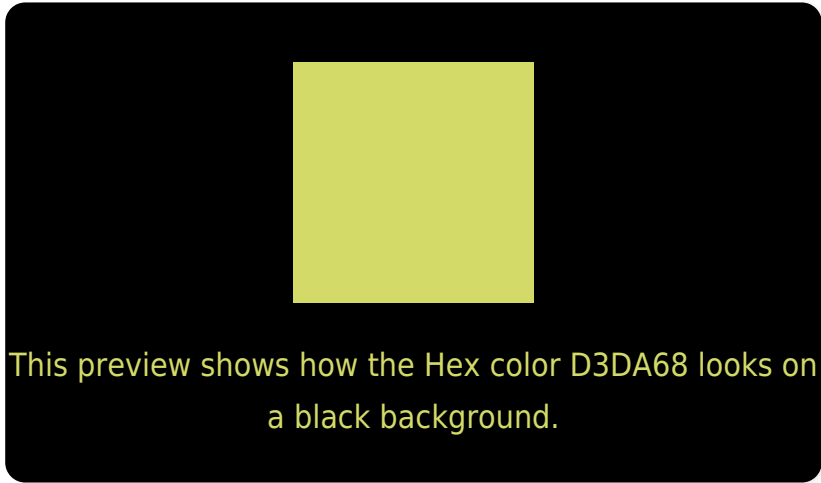
Large Text (above 18pt) WCAG AA × Fail

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

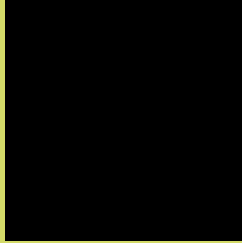
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D3DA68 Background



This preview shows how black text looks on a background with the Hex color D3DA68.

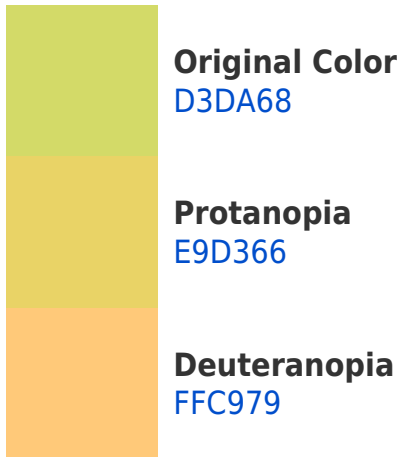


This preview shows how white text looks on a background with the Hex color D3DA68.

# Color Blindness Simulation

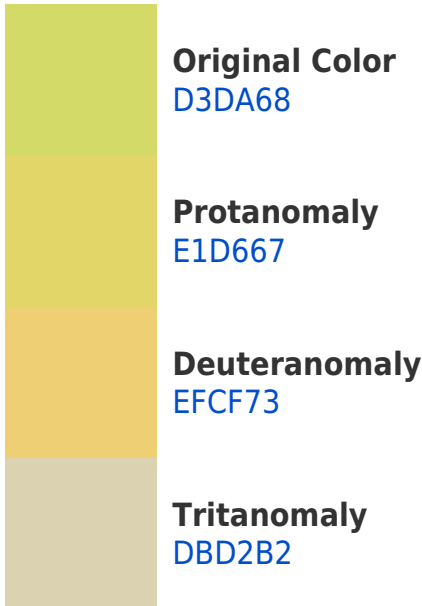
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

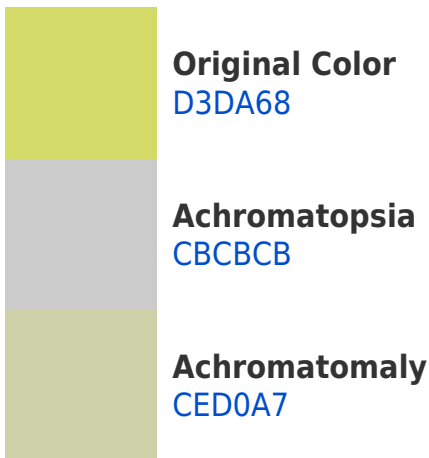




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D3DA68 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 #D3DA68 looks like.

```
.text, #text, p{  
    color:#D3DA68  
}
```

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 #D3DA68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3DA68
}
```

## Border

The CSS property to change the border of an element to Hex D3DA68 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
#D3DA68 }
```

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

```
.border{ border-color:#D3DA68 }
```

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

Here you see how a box with a 4 pixel #D3DA68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3DA68; -webkit-box-shadow:4px 4px  
4px 4px #D3DA68; box-shadow:4px 4px 4px  
4px #D3DA68 }
```

# Background

The CSS property to change the background color of an element to Hex D3DA68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3DA68 }
```

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

```
.background{ background-color:#D3DA68 }
```

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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