

Converting Colors

Hex(D3A068)

Have a look what the booklet for
Hex(D3A068) contains.

Hex(D3A068)	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(D3A068)

Conversions

Conversions Part 1

Format	Color
Hex	D3A068
RGB	211, 160, 104
RGB Percent	83%, 63%, 41%
CMY	0.1725, 0.3725, 0.5922
CMYK	0.00, 0.24, 0.51, 0.17
HSL	31°, 55%, 62%
HSV	31°, 51%, 83%
XYZ	41.9335, 39.9900, 18.6054
YIQ	168.8650, 48.3720, -6.6040

Conversions

Conversions Part 2

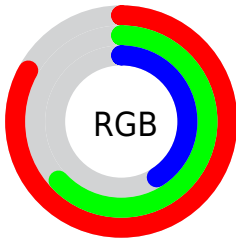
Format	Color
R _Y B	201, 211, 104
Decimal	13869160
CIE Lab	69.46, 12.26, 36.37
CIE LCh	69, 38.378, 71.363
Yxy	39.9900, 0.4171, 0.3978
Android (android.graphics.Color)	4292059240 (0xFFD3A068)
YUV	168.8650, -31.9784, 36.9524
Hunter-Lab	63.2376, 7.6992, 26.8224

Details

The Hex color **D3A068** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **689BD3**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFD79C**, and **9A6D37** is the 20% darker color. If you saturate the color by 10%, you get **D39653**, and if you desaturate by 10%, it is **D3AA7D**.

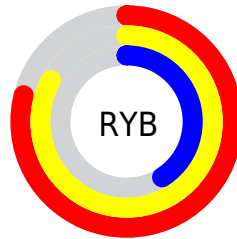
Distribution



Red (83%)

Green (63%)

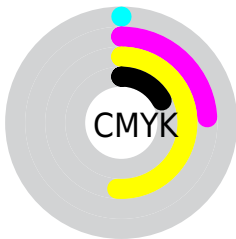
Blue (41%)



Red (79%)

Yellow (83%)

Blue (41%)

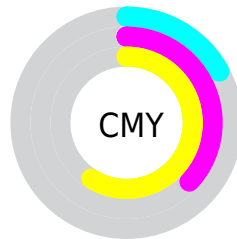


Cyan (0%)

Magenta (24%)

Yellow (51%)

Black (17%)



Cyan (17%)

Magenta (37%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color D3A068 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 D3A068 by changing the saturation by 10% instead.

 D3A068

 D3A068

FFFFFF

 B6864F

 FFD79C

 9A6D37

 FFF3B7

 7E5420

 FFFFD3

 633D07

 FFFFF0

 492700

 2F1300

 160000

 000000

 D3A068

 D3A068

 D39653

 D3AA7D

 D38C3E

 D3B492

 D38229

 D3BEA7

 D37814

 D3C8BC

 D36E00

 D3D2D2

 D3DCE7

 D3E6FC

 D3F0FF

 D3FBFF

Harmonies

Analogous

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



E8957D



D3A068



B3AC64

Triad

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



D3A068



2BBCB6



BF9CDE

Complementary

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



D3A068



689BD3

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.



8DA9EE



D3A068



02BAD7

Square

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



D3A068



61BB92



4FB3EB



E091C1

Rectangle

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



D3A068



9AB26D



4FB3EB



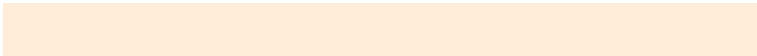
B0A0E5

Sweetspot

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



D3A068



FFEDD9



D3689C



807569



000000



808080

Same Dimension

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



D3A068



FFB563



D1D368



69645E



A85800



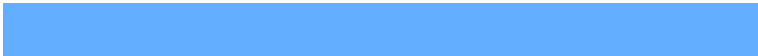
291500

Inverse Universe

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



689BD3



63AEFF



6A68D3



5E6369



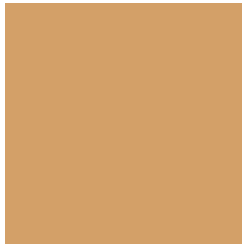
0050A8



001329

Previews

White Background



This preview shows how the Hex color D3A068 looks on a white background.

Color Contrast Check

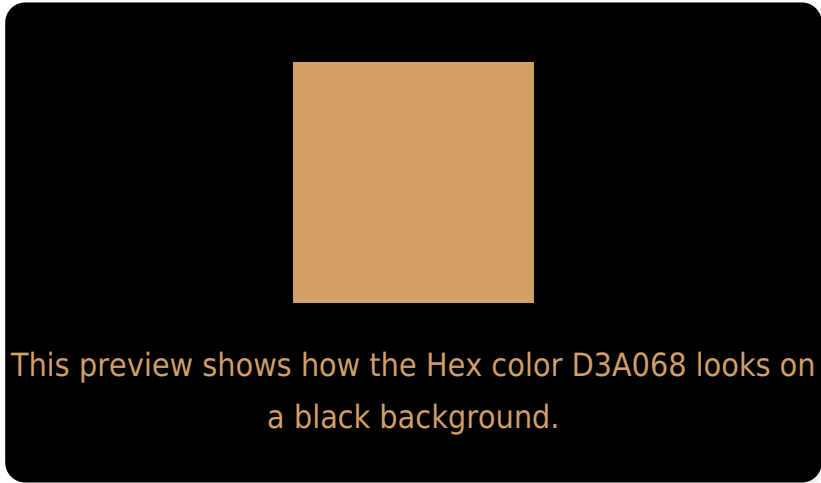
Large Text (above 18pt) WCAG AA × Fail

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

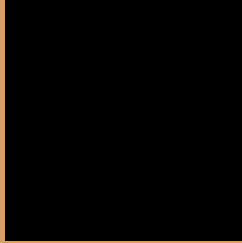
Any Text WCAG AA ✓ Pass

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 D3A068 Background



This preview shows how black text looks on a background with the Hex color D3A068.



This preview shows how white text looks on a background with the Hex color D3A068.

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



Original Color
D3A068

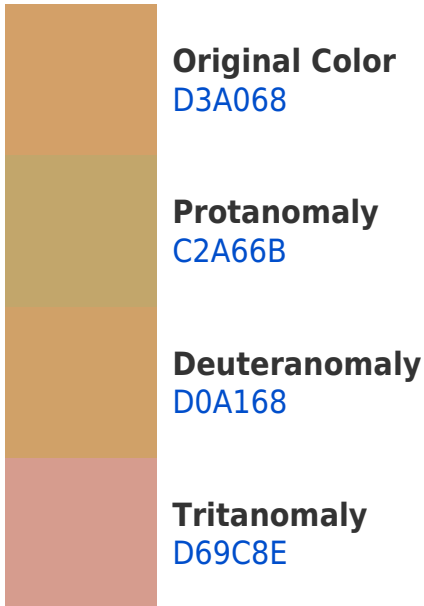
Protanopia
B9AA6C

Deuteranopia
CEA268

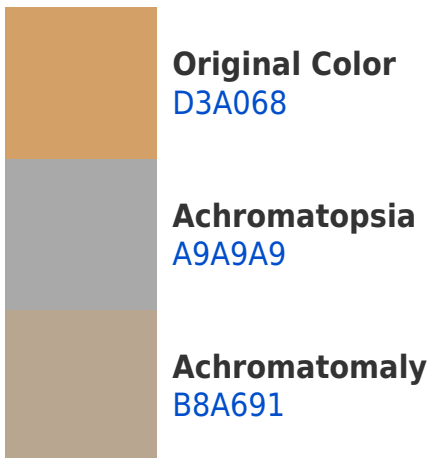


Tritanopia
D899A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D3A068 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 #D3A068 looks like.

```
.text, #text, p{  
    color:#D3A068  
}
```

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 #D3A068 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3A068
}
```

Border

The CSS property to change the border of an element to Hex D3A068 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
#D3A068 }
```

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

```
.border{ border-color:#D3A068 }
```

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

Here you see how a box with a 4 pixel #D3A068 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3A068; -webkit-box-shadow:4px 4px  
4px 4px #D3A068; box-shadow:4px 4px 4px  
4px #D3A068 }
```

Background

The CSS property to change the background color of an element to Hex D3A068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3A068 }
```

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

```
.background{ background-color:#D3A068 }
```

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