

Converting Colors

Hex(D3A66B)

Have a look what the booklet for
Hex(D3A66B) contains.

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Color

Hex(D3A66B)

Conversions

Conversions Part 1

Format	Color
Hex	D3A66B
RGB	211, 166, 107
RGB Percent	83%, 65%, 42%
CMY	0.1725, 0.3490, 0.5804
CMYK	0.00, 0.21, 0.49, 0.17
HSL	34°, 54%, 62%
HSV	34°, 49%, 83%
XYZ	43.1540, 42.1829, 19.7776
YIQ	172.7290, 45.7590, -8.8090

Conversions

Conversions Part 2

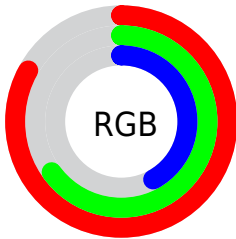
Format	Color
RYB	186, 211, 107
Decimal	13870699
CIELab	71.00, 9.31, 36.73
CIELCh	71, 37.889, 75.778
Yxy	42.1829, 0.4105, 0.4013
Android (android.graphics.Color)	4292060779 (0xFFD3A66B)
YUV	172.7290, -32.4044, 33.5637
Hunter-Lab	64.9483, 4.9423, 27.4093

Details

The Hex color **D3A66B** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6B98D3**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFDD9F**, and **9A723A** is the 20% darker color. If you saturate the color by 10%, you get **D39D56**, and if you desaturate by 10%, it is **D3AF80**.

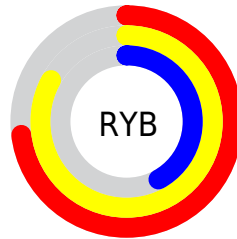
Distribution



Red (83%)

Green (65%)

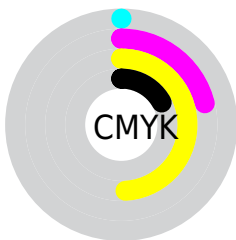
Blue (42%)



Red (73%)

Yellow (83%)

Blue (42%)

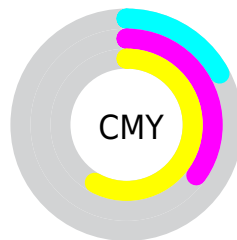


Cyan (0%)

Magenta (21%)

Yellow (49%)

Black (17%)



Cyan (17%)

Magenta (35%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color D3A66B 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 D3A66B by changing the saturation by 10% instead.

 D3A66B

 D3A66B

FFFFFF

 B68C52

 FFDD9F

 9A723A

 FFFABB

 7E5A22

 FFFFFD6

 64420A

 FFFFF3

 4A2C00

 301800

 180000

 000000

 D3A66B

 D3A66B

 D39D56

 D3AF80

 D39441

 D3B895

 D38B2C

 D3C1AA

 D38117

 D3CBBF

 D37802

 D3D4D4

 D37800

 D3DDEA

 D3E6FF

 D3EFFF

 D3F8FF

Harmonies

Analogous

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



EA9A7E



D3A66B



B2B16A

Triad

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



D3A66B



2FC0BF



C99EDE

Complementary

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



D3A66B



6B98D3

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.



9AABF0



D3A66B



24BDDE

Square

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



D3A66B



60BF9C



5FB6F0



E795C0

Rectangle

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



D3A66B



99B875



5FB6F0



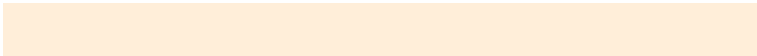
BBA2E6

Sweetspot

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



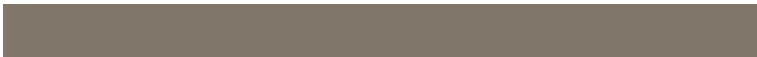
D3A66B



FFEED9



D36B98



807669



000000



808080

Same Dimension

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



D3A66B



FFBE69



CCD36B



69645E



A85F00



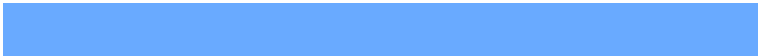
291700

Inverse Universe

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



6B98D3



69AAFF



726BD3



5E6369



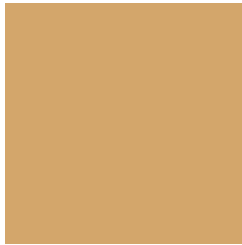
0049A8



001229

Previews

White Background



This preview shows how the Hex color D3A66B looks on a white background.

Color Contrast Check

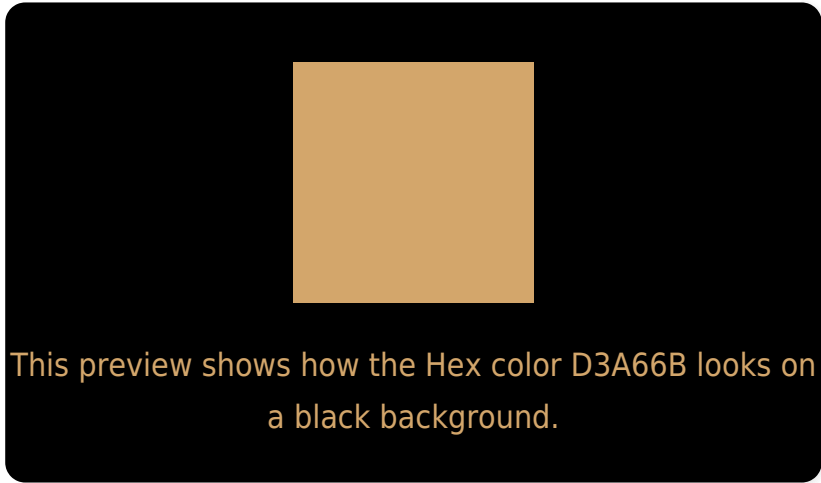
Large Text (above 18pt) WCAG AA × Fail

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 D3A66B Background



This preview shows how black text looks on a background with the Hex color D3A66B.

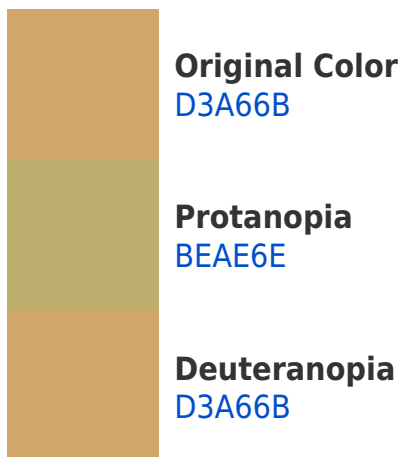


This preview shows how white text looks on a background with the Hex color D3A66B.

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](#).

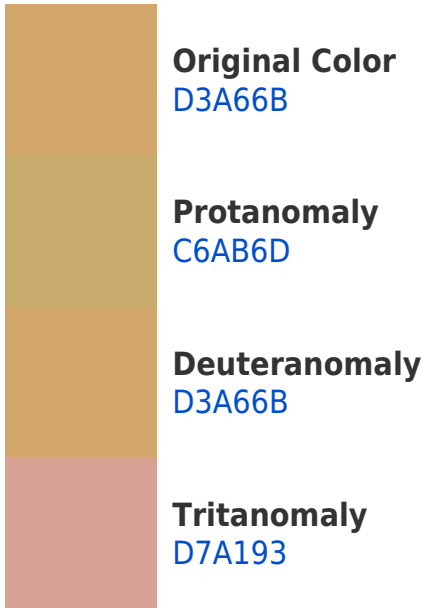
Dichromacy



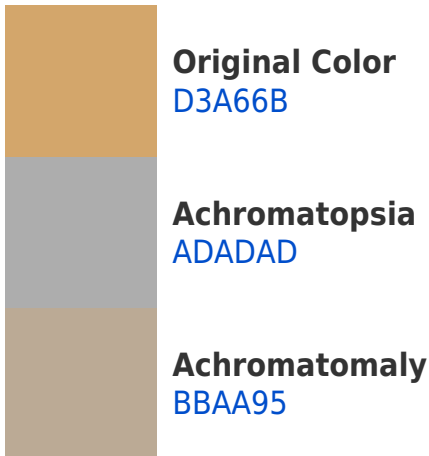


Tritanopia
D99EAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D3A66B 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 #D3A66B looks like.

```
.text, #text, p{  
    color:#D3A66B  
}
```

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 #D3A66B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3A66B
}
```

Border

The CSS property to change the border of an element to Hex D3A66B 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
#D3A66B }
```

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

```
.border{ border-color:#D3A66B }
```

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

Here you see how a box with a 4 pixel #D3A66B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3A66B; -webkit-box-shadow:4px 4px  
4px 4px #D3A66B; box-shadow:4px 4px 4px  
4px #D3A66B }
```

Background

The CSS property to change the background color of an element to Hex D3A66B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3A66B }
```

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

```
.background{ background-color:#D3A66B }
```

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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