

Converting Colors

Hex(D3B655)

Have a look what the booklet for
Hex(D3B655) contains.

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Color

Hex(D3B655)

Conversions

Conversions Part 1

Format	Color
Hex	D3B655
RGB	211, 182, 85
RGB Percent	83%, 71%, 33%
CMY	0.1725, 0.2863, 0.6667
CMYK	0.00, 0.14, 0.60, 0.17
HSL	46°, 59%, 58%
HSV	46°, 60%, 83%
XYZ	45.2316, 47.9607, 15.4677
YIQ	179.6130, 48.4210, -24.0190

Conversions

Conversions Part 2

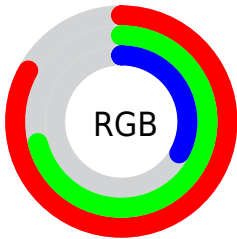
Format	Color
RYB	123, 211, 85
Decimal	13874773
CIELab	74.80, -1.01, 52.20
CIELCh	75, 52.205, 91.113
Yxy	47.9607, 0.4163, 0.4414
Android (android.graphics.Color)	4292064853 (0xFFD3B655)
YUV	179.6130, -46.6442, 27.5264
Hunter-Lab	69.2536, -4.6102, 35.2352

Details

The Hex color **D3B655** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **5572D3**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **FFEE8A**, and **998120** is the 20% darker color. If you saturate the color by 10%, you get **D3B140**, and if you desaturate by 10%, it is **D3BB6A**.

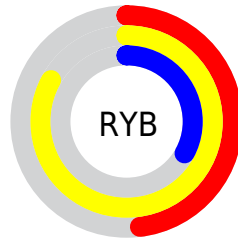
Distribution



Red (83%)

Green (71%)

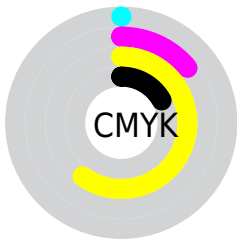
Blue (33%)



Red (48%)

Yellow (83%)

Blue (33%)

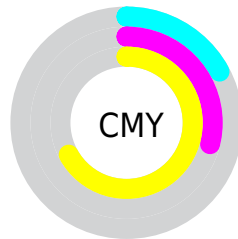


Cyan (0%)

Magenta (14%)

Yellow (60%)

Black (17%)



Cyan (17%)

Magenta (29%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color D3B655 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 D3B655 by changing the saturation by 10% instead.

 D3B655

 D3B655

FFFFFF

 B69B3B

 FFEE8A

 998120

 FFFFA5

 7E6900

 FFFFC1

 625100

 FFFFDD

 483A00

 FFFFFA

 2E2500

 151000

 000000

 D3B655

 D3B655

 D3B140

 D3BB6A

 D3AC2B

 D3C07F

 D3A716

 D3C594

 D3A301

 D3C9A9

 D3A200

 D3CEBF

 D3D3D4

 D3D8E9

 D3DDFE

 D3E2FF

Harmonies

Analogous

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



FAA564



D3B655



A2C463

Triad

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



D3B655



00D0E8



F599E7

Complementary

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



D3B655



5572D3

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.



BEABFF



D3B655



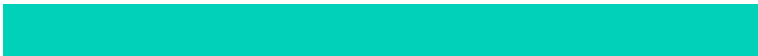
00C9FF

Square

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



D3B655



00D1B8



66BDFE



FF90B8

Rectangle

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



D3B655



7BCA7A



66BDFF



E69EF5

Sweetspot

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



D3B655



FFF4D1



D35572



807963



000000



808080

Same Dimension

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



D3B655



FFD547



B1D355



69665E



A88200



291F00

Inverse Universe

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



5572D3



4772FF



7755D3



5E6169



0027A8



000929

Previews

White Background



This preview shows how the Hex color D3B655 looks on a white background.

Color Contrast Check

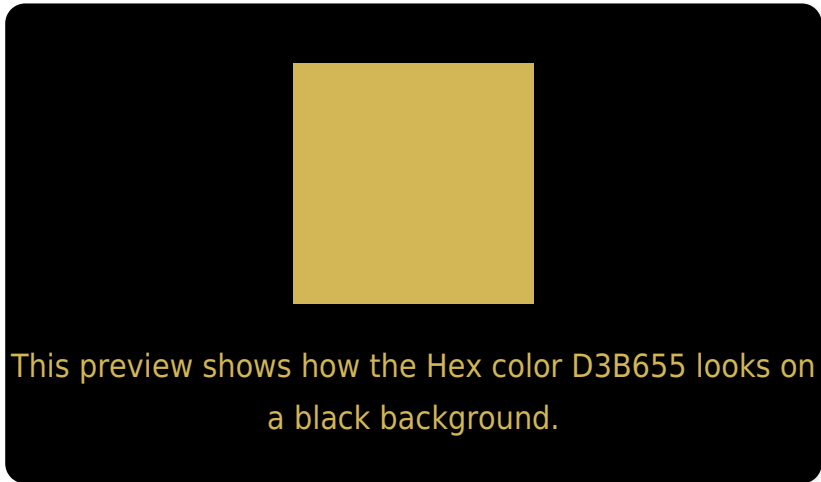
Large Text (above 18pt) WCAG AA × Fail

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 D3B655 Background



This preview shows how black text looks on a background with the Hex color D3B655.



This preview shows how white text looks on a background with the Hex color D3B655.

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

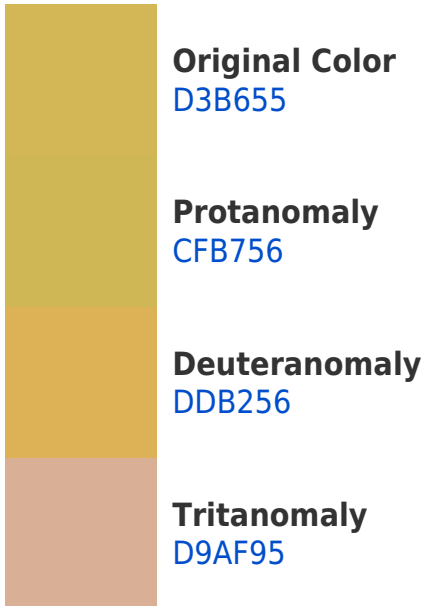


Original Color
D3B655

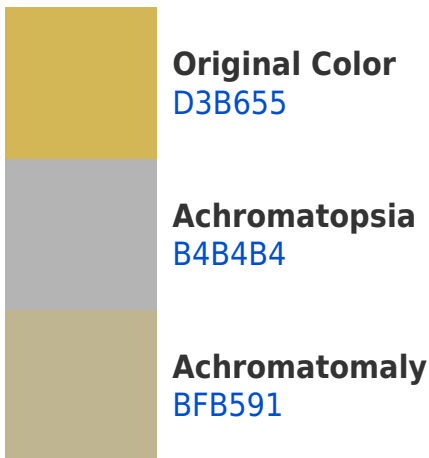
Protanopia
CCB856

Deuteranopia
E3AF57

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D3B655 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 #D3B655 looks like.

```
.text, #text, p{  
    color:#D3B655  
}
```

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 #D3B655 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3B655
}
```

Border

The CSS property to change the border of an element to Hex D3B655 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
#D3B655 }
```

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

```
.border{ border-color:#D3B655 }
```

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

Here you see how a box with a 4 pixel #D3B655 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3B655; -webkit-box-shadow:4px 4px  
4px 4px #D3B655; box-shadow:4px 4px 4px  
4px #D3B655 }
```

Background

The CSS property to change the background color of an element to Hex D3B655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3B655 }
```

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

```
.background{ background-color:#D3B655 }
```

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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