

# Converting Colors

Hex(D3A825)

Have a look what the booklet for  
Hex(D3A825) contains.

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# **Color**

**Hex(D3A825)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D3A825
RGB	211, 168, 37
RGB Percent	83%, 66%, 15%
CMY	0.1725, 0.3412, 0.8549
CMYK	0.00, 0.20, 0.82, 0.17
HSL	45°, 70%, 49%
HSV	45°, 82%, 83%
XYZ	41.2005, 41.9877, 7.6832
YIQ	165.9230, 67.6790, -31.6250

# Conversions

## Conversions Part 2

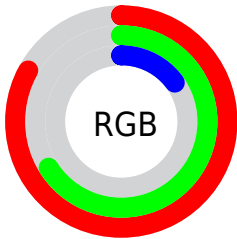
Format	Color
<a href="#">RYB</a>	<a href="#">94, 211, 37</a>
Decimal	<a href="#">13871141</a>
CIELab	<a href="#">70.86, 4.00, 67.12</a>
CIELCh	<a href="#">71, 67.235, 86.590</a>
Yxy	<a href="#">41.9877, 0.4534, 0.4621</a>
Android (android.graphics.Color)	<a href="#">4292061221 (0xFFD3A825)</a>
YUV	<a href="#">165.9230, -63.5590, 39.5325</a>
Hunter-Lab	<a href="#">64.7979, 0.0994, 38.3284</a>

# Details

The Hex color **D3A825** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **2550D3**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFDF5F**, and **987400** is the 20% darker color. If you saturate the color by 10%, you get **D3A310**, and if you desaturate by 10%, it is **D3AD3A**.

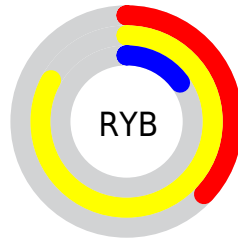
# Distribution



Red (83%)

Green (66%)

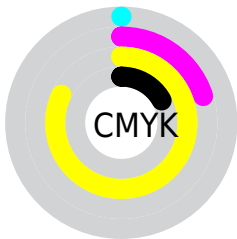
Blue (15%)



Red (37%)

Yellow (83%)

Blue (15%)

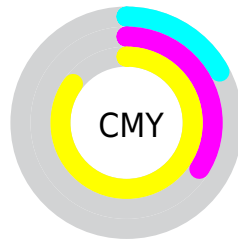


Cyan (0%)

Magenta (20%)

Yellow (82%)

Black (17%)



Cyan (17%)

Magenta (34%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D3A825 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 D3A825 by changing the saturation by 10% instead.



 D3A825

 D3A825

FFFFFF

 B58E00

 FFDF5F

 987400

 FFFB7A

 7B5C00

 FFFF96

 5F4500

 FFFFB2

 442F00

 FFFFCF

 2A1A00

 FFFFEC

 0F0000

 000000

 D3A825

 D3A825

 D3A310

 D3AD3A

 D39F00

 D3B24F

 D3B864

 D3BD79

 D3C28F

 D3C7A4

 D3CDB9

 D3D2CE

 D3D7E3

# Harmonies

## Analogous

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



FF9046



D3A825



97BA35

# Triad

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



D3A825



00CAE3



F186F2

# Complementary

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



D3A825



2550D3

# 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.



A1A0FF



D3A825



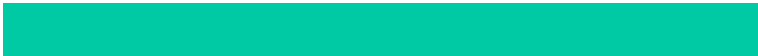
00C4FF

# Square

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



D3A825



00CAA4



00B7FF



FF74B7

# Rectangle

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



D3A825



65C254



00B7FF



DC8EFF

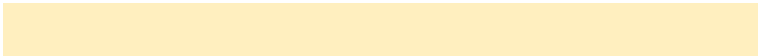


# Sweetspot

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



D3A825



FFEFBF



D32551



807659



000000



808080



# Same Dimension

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



D3A825



FFC103



A8D325



69665E



A87F00



291F00



# Inverse Universe

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



2550D3



0341FF



5125D3



5E6169



002AA8



000A29



# Previews

## White Background



This preview shows how the Hex color D3A825 looks on a white background.

## Color Contrast Check

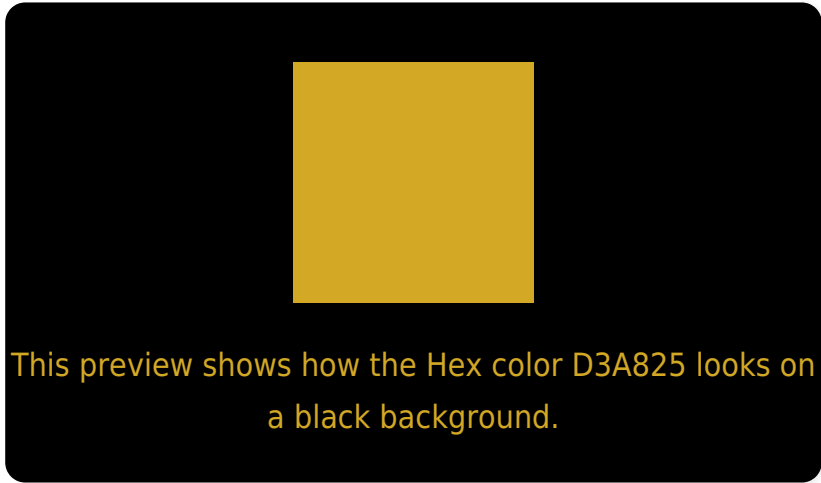
Large Text (above 18pt) WCAG AA × Fail

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 D3A825 Background



This preview shows how black text looks on a background with the Hex color D3A825.

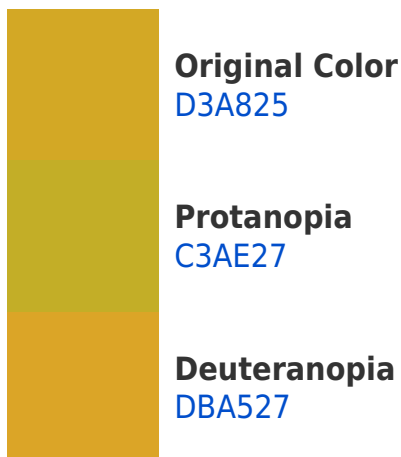


This preview shows how white text looks on a background with the Hex color D3A825.

# 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](#).

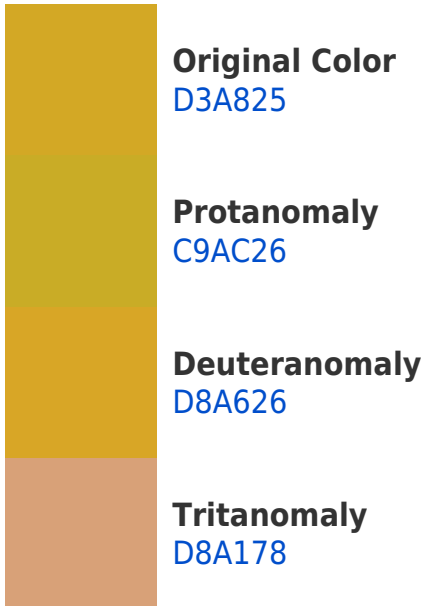
## Dichromacy



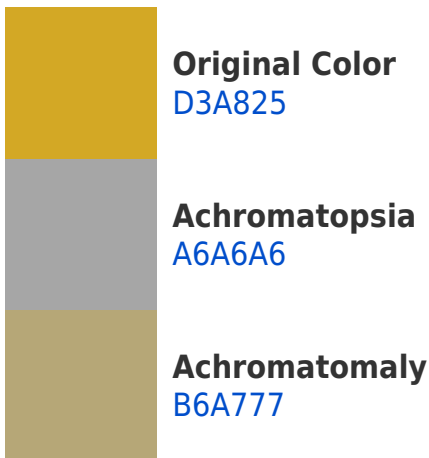


**Tritanopia**  
DB9DA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D3A825 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 #D3A825 looks like.

```
.text, #text, p{  
    color:#D3A825  
}
```

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 #D3A825 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3A825
}
```

## Border

The CSS property to change the border of an element to Hex D3A825 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
#D3A825 }
```

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

```
.border{ border-color:#D3A825 }
```

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

Here you see how a box with a 4 pixel #D3A825 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3A825; -webkit-box-shadow:4px 4px  
4px 4px #D3A825; box-shadow:4px 4px 4px  
4px #D3A825 }
```

# Background

The CSS property to change the background color of an element to Hex D3A825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3A825 }
```

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

```
.background{ background-color:#D3A825 }
```

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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