

# Converting Colors

Hex(D3825D)

Have a look what the booklet for  
Hex(D3825D) contains.

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# **Color**

**Hex(D3825D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D3825D
RGB	211, 130, 93
RGB Percent	83%, 51%, 36%
CMY	0.1725, 0.4902, 0.6353
CMYK	0.00, 0.38, 0.56, 0.17
HSL	19°, 57%, 60%
HSV	19°, 56%, 83%
XYZ	36.8224, 30.6045, 14.3224
YIQ	150.0010, 60.1530, 5.6650

# Conversions

## Conversions Part 2

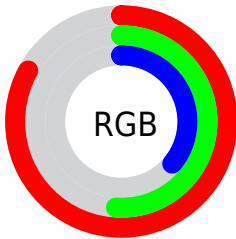
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	211, 147, 93
Decimal	13861469
CIE Lab	62.17, 27.55, 33.07
CIE LCh	62, 43.037, 50.201
Yxy	30.6045, 0.4504, 0.3744
Android (android.graphics.Color)	4292051549 (0xFFD3825D)
YUV	150.0010, -28.1015, 53.4961
Hunter-Lab	55.3213, 21.9990, 23.3750

# Details

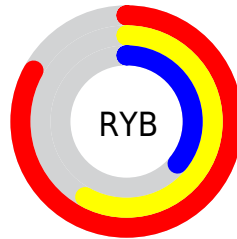
The Hex color **D3825D** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **5DAED3**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FFB890**, and **99502E** is the 20% darker color. If you saturate the color by 10%, you get **D37448**, and if you desaturate by 10%, it is **D39072**.

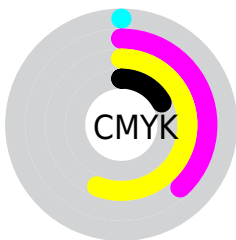
# Distribution



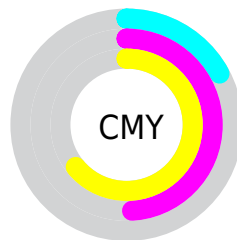
- Red (83%)
- Green (51%)
- Blue (36%)



- Red (83%)
- Yellow (58%)
- Blue (36%)



- Cyan (0%)
- Magenta (38%)
- Yellow (56%)
- Black (17%)



- Cyan (17%)
- Magenta (49%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D3825D 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 D3825D by changing the saturation by 10% instead.



 D3825D

 D3825D

FFFFFF

 B66845

 FFB890

 99502E

 FFD3AB

 7C3818

 FFF0C6

 602000

 FFFFE2

 450800

 2C0000

 000000

 D3825D

 D3825D

 D37448

 D39072

 D36533

 D39F87

 D3571E

 D3AD9C

 D34809

 D3BCB1

 D34200

 D3CAC6

 D3D9DC

 D3E7F1

 D3F6FF

 D3FFFF

# Harmonies

## Analogous

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



DF787E



D3825D



B8904A

# Triad

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



D3825D



25A988



8691DE

# Complementary

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



D3825D



5DAED3

# 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.



349EE1



D3825D



00AAAF

# Square

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



D3825D



68A564



00A6D0



B982C8

# Rectangle

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



D3825D



A19849



00A6D0



6F96E1



# Sweetspot

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



D3825D



FFE1D4



D35DB0



806E66



000000



808080



# Same Dimension

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



D3825D



FF8A54



D3BB5D



69615E



A83500



290D00



# Inverse Universe

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



5DAED3



54C9FF



5D75D3



5E6569



0074A8

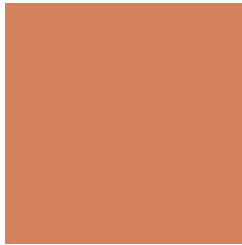


001C29



# Previews

## White Background



This preview shows how the Hex color D3825D 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

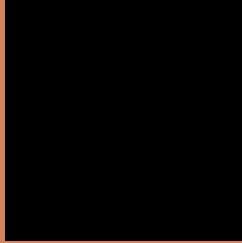
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D3825D Background



This preview shows how black text looks on a background with the Hex color D3825D.



This preview shows how white text looks on a background with the Hex color D3825D.

# 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**  
D3825D

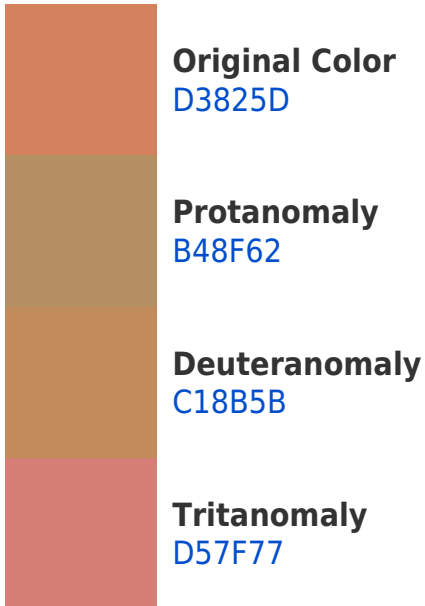
**Protanopia**  
A39765

**Deuteranopia**  
B7905A



**Tritanopia**  
D67D86

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D3825D 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 #D3825D looks like.

```
.text, #text, p{  
    color:#D3825D  
}
```

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 #D3825D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3825D
}
```

## Border

The CSS property to change the border of an element to Hex D3825D 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
#D3825D }
```

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

```
.border{ border-color:#D3825D }
```

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

Here you see how a box with a 4 pixel #D3825D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3825D; -webkit-box-shadow:4px 4px  
4px 4px #D3825D; box-shadow:4px 4px 4px  
4px #D3825D }
```

# Background

The CSS property to change the background color of an element to Hex D3825D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3825D }
```

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

```
.background{ background-color:#D3825D }
```

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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