

# Converting Colors

Hex(D3875F)

Have a look what the booklet for  
Hex(D3875F) contains.

<b>Hex(D3875F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(D3875F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D3875F
RGB	211, 135, 95
RGB Percent	83%, 53%, 37%
CMY	0.1725, 0.4706, 0.6275
CMYK	0.00, 0.36, 0.55, 0.17
HSL	21°, 57%, 60%
HSV	21°, 55%, 83%
XYZ	37.5935, 32.0031, 15.0223
YIQ	153.1640, 58.1360, 3.6720

# Conversions

## Conversions Part 2

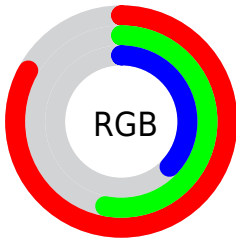
Format	Color
<b>RYB</b>	211, 156, 95
Decimal	13862751
CIELab	63.35, 25.02, 33.46
CIELCh	63, 41.777, 53.212
Yxy	32.0031, 0.4443, 0.3782
Android (android.graphics.Color)	4292052831 (0xFFD3875F)
YUV	153.1640, -28.6749, 50.7222
Hunter-Lab	56.5712, 19.6196, 23.8556

# Details

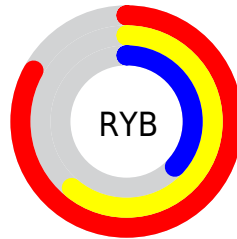
The Hex color **D3875F** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **5FABD3**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFBD92**, and **995530** is the 20% darker color. If you saturate the color by 10%, you get **D3794A**, and if you desaturate by 10%, it is **D39574**.

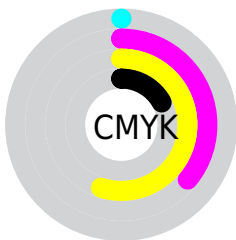
# Distribution



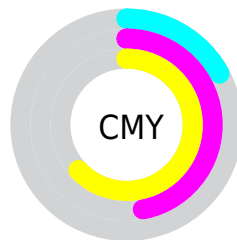
- Red (83%)
- Green (53%)
- Blue (37%)



- Red (83%)
- Yellow (61%)
- Blue (37%)



- Cyan (0%)
- Magenta (36%)
- Yellow (55%)
- Black (17%)



- Cyan (17%)
- Magenta (47%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D3875F 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 D3875F by changing the saturation by 10% instead.



 D3875F

 D3875F

FFFFFF

 B66D47

 FFBD92

 995530

 FFD9AD

 7D3D19

 FFF5C8

 612601

 FFFFE5

 460F00

 2C0000

 000000

 D3875F

 D3875F

 D3794A

 D39574

 D36B35

 D3A389

 D35E20

 D3B09E

 D3500B

 D3BEB3

 D34900

 D3CCC9

 D3DADE

 D3E8F3

 D3F6FF

 D3FFFF

# Harmonies

## Analogous

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



E07D7E



D3875F



B8944E

# Triad

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



D3875F



28AC8F



9093DE

# Complementary

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



D3875F



5FABD3

# 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.



49A0E3



D3875F



00ACB5

# Square

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



D3875F



68A86B



00A8D4



C085C6

# Rectangle

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



D3875F



A09C4F



00A8D4



7B98E2

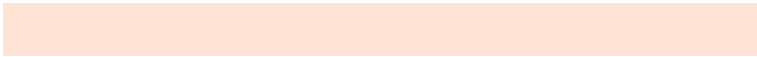


# Sweetspot

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



D3875F



FFE4D6



D35FAC



807067



000000



808080



# Same Dimension

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



D3875F



FF9157



D3C05F



69625E



A83A00



290E00



# Inverse Universe

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



5FABD3



57C5FF



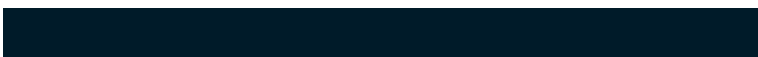
5F72D3



5E6569



006EA8



001B29



# Previews

## White Background



This preview shows how the Hex color D3875F looks on a white background.

## Color Contrast Check

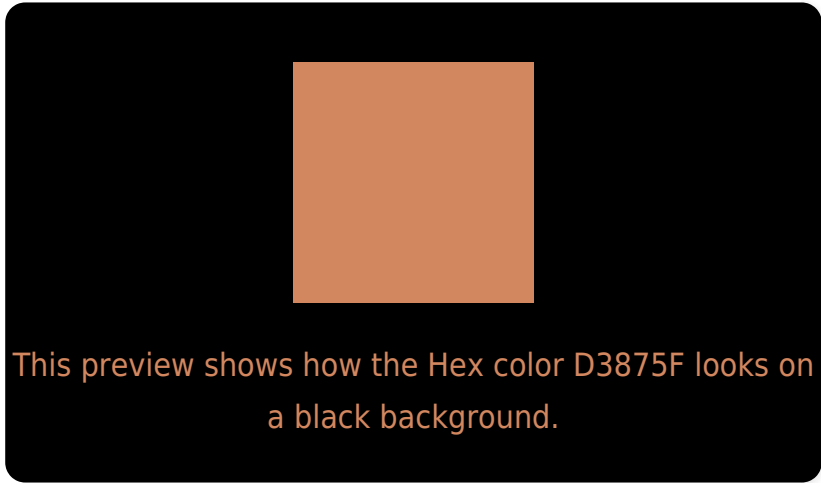
Large Text (above 18pt) WCAG AA × Fail

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

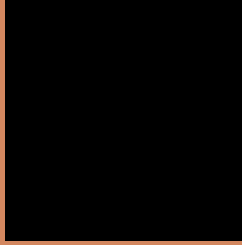
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D3875F Background



This preview shows how black text looks on a background with the Hex color D3875F.

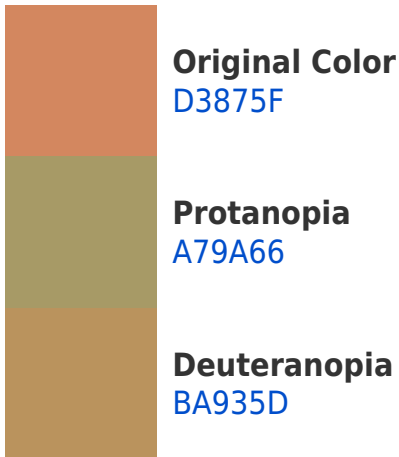


This preview shows how white text looks on a background with the Hex color D3875F.

# 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](#).

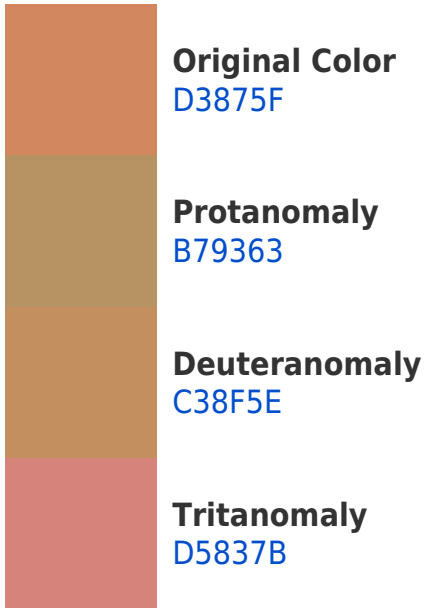
## Dichromacy



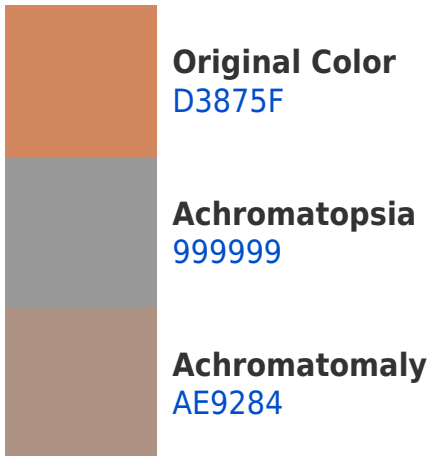


**Tritanopia**  
D6818B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D3875F 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 #D3875F looks like.

```
.text, #text, p{  
    color:#D3875F  
}
```

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 #D3875F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3875F
}
```

## Border

The CSS property to change the border of an element to Hex D3875F 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
#D3875F }
```

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

```
.border{ border-color:#D3875F }
```

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

Here you see how a box with a 4 pixel #D3875F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3875F; -webkit-box-shadow:4px 4px  
4px 4px #D3875F; box-shadow:4px 4px 4px  
4px #D3875F }
```

# Background

The CSS property to change the background color of an element to Hex D3875F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3875F }
```

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

```
.background{ background-color:#D3875F }
```

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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