

# Converting Colors

Hex(D3735D)

Have a look what the booklet for  
Hex(D3735D) contains.

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**Color**

**Hex(D3735D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D3735D
RGB	211, 115, 93
RGB Percent	83%, 45%, 36%
CMY	0.1725, 0.5490, 0.6353
CMYK	0.00, 0.45, 0.56, 0.17
HSL	11°, 57%, 60%
HSV	11°, 56%, 83%
XYZ	34.9705, 26.9007, 13.7051
YIQ	141.1960, 64.2780, 13.5100

# Conversions

## Conversions Part 2

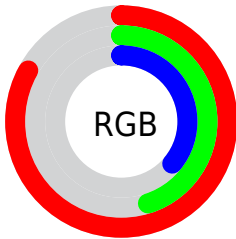
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	211, 120, 93
Decimal	13857629
CIE Lab	58.88, 35.51, 28.88
CIE LCh	59, 45.771, 39.115
Yxy	26.9007, 0.4627, 0.3559
Android (android.graphics.Color)	4292047709 (0xFFD3735D)
YUV	141.1960, -23.7606, 61.2181
Hunter-Lab	51.8659, 29.5882, 20.6392

# Details

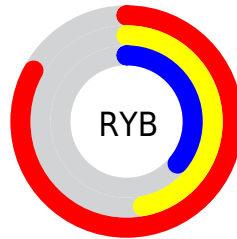
The Hex color **D3735D** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **5DBDD3**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FFA890**, and **98402E** is the 20% darker color. If you saturate the color by 10%, you get **D36248**, and if you desaturate by 10%, it is **D38472**.

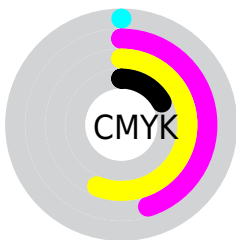
# Distribution



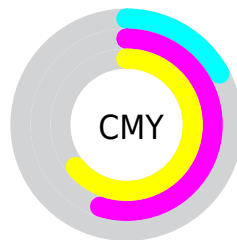
- Red (83%)
- Green (45%)
- Blue (36%)



- Red (83%)
- Yellow (47%)
- Blue (36%)



- Cyan (0%)
- Magenta (45%)
- Yellow (56%)
- Black (17%)



- Cyan (17%)
- Magenta (55%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D3735D 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 D3735D by changing the saturation by 10% instead.



 D3735D

 D3735D

FFFFFF

 B55945

 FFA890

 98402E

 FFC4AA

 7B2819

 FFE0C6

 5F0C00

 FFFDE2

 430000

FFFFFFE

 2B0001

 000000

 D3735D

 D3735D

 D36248

 D38472

 D35133

 D39587

 D3401E

 D3A69C

 D32E09

 D3B8B1

 D32700

 D3C9C6

 D3DADC

 D3EBF1

 D3FCFF

 D3FFFF

# Harmonies

## Analogous

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



D96B83



D3735D



BC8142

# Triad

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



D3735D



30A070



5E8EDD

# Complementary

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



D3735D



5DBDD3

# 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.



009AD8



D3735D



00A299

# Square

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



D3735D



6E9A4D



00A0BF



A17ECC

# Rectangle

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



D3735D



A68B3A



00A0BF



3D92DE



# Sweetspot

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



D3735D



FFDCD4



D35DBD



806B66



000000



808080



# Same Dimension

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



D3735D



FF7454



D3AE5D



69605E



A81F00



290800



# Inverse Universe

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



5DBDD3



54DFFF



5D82D3



5E6769



0089A8



002129



# Previews

## White Background



This preview shows how the Hex color D3735D looks on a white background.

## Color Contrast Check

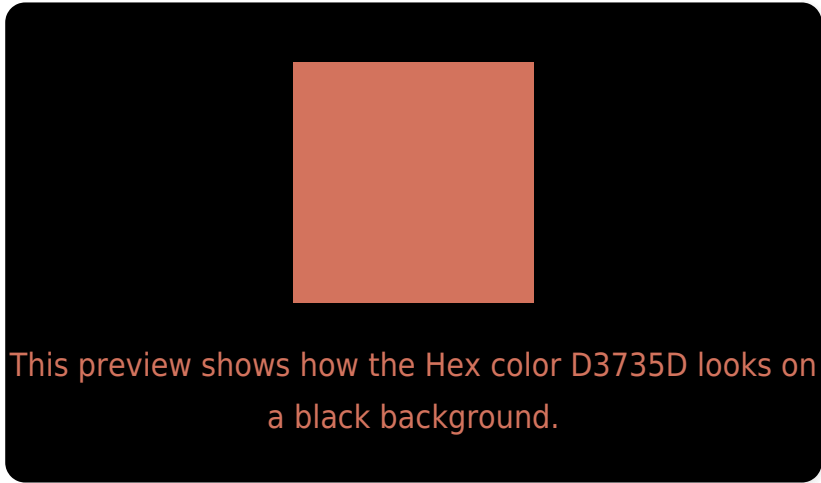
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex D3735D Background



This preview shows how black text looks on a background with the Hex color D3735D.



This preview shows how white text looks on a background with the Hex color D3735D.

# 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**  
D3735D

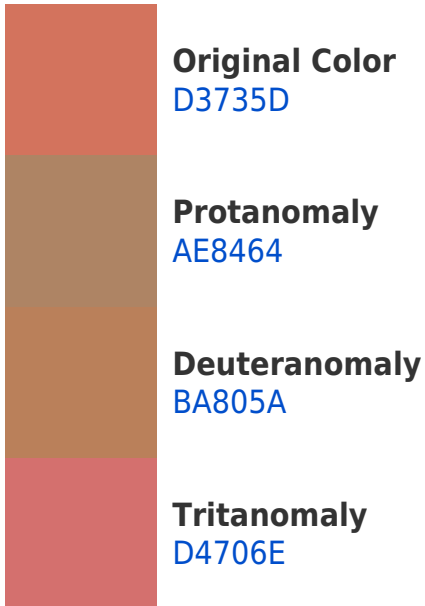
**Protanopia**  
998E68

**Deuteranopia**  
AC8859

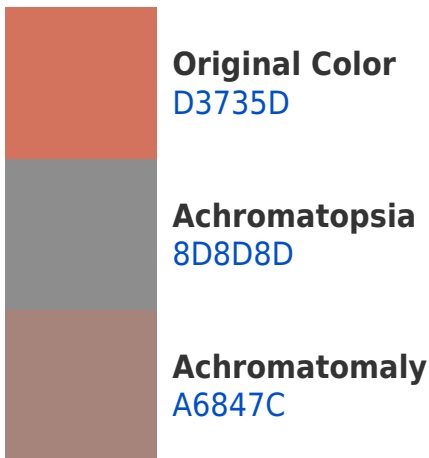


**Tritanopia**  
D56F77

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D3735D 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 #D3735D looks like.

```
.text, #text, p{  
    color:#D3735D  
}
```

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 #D3735D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3735D
}
```

## Border

The CSS property to change the border of an element to Hex D3735D 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
#D3735D }
```

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

```
.border{ border-color:#D3735D }
```

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

Here you see how a box with a 4 pixel #D3735D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3735D; -webkit-box-shadow:4px 4px  
4px 4px #D3735D; box-shadow:4px 4px 4px  
4px #D3735D }
```

# Background

The CSS property to change the background color of an element to Hex D3735D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3735D }
```

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

```
.background{ background-color:#D3735D }
```

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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