

# Converting Colors

Hex(D2784D)

Have a look what the booklet for  
Hex(D2784D) contains.

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# Color

**Hex(D2784D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D2784D
RGB	210, 120, 77
RGB Percent	82%, 47%, 30%
CMY	0.1765, 0.5294, 0.6980
CMYK	0.00, 0.43, 0.63, 0.18
HSL	19°, 60%, 56%
HSV	19°, 63%, 82%
XYZ	34.6344, 27.6704, 10.5367
YIQ	142.0080, 67.4430, 5.7070

# Conversions

## Conversions Part 2

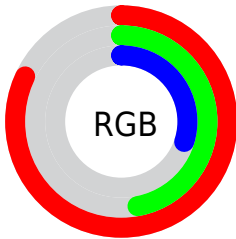
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	210, 141, 77
Decimal	13793357
CIE <sub>Lab</sub>	59.59, 31.31, 38.51
CIE <sub>LCh</sub>	60, 49.630, 50.883
Yxy	27.6704, 0.4755, 0.3799
Android (android.graphics.Color)	4291983437 (0xFFD2784D)
YUV	142.0080, -32.0489, 59.6290
Hunter-Lab	52.6027, 25.4724, 24.9457

# Details

The Hex color **D2784D** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **4DA7D2**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FFAD7F**, and **97461E** is the 20% darker color. If you saturate the color by 10%, you get **D26A38**, and if you desaturate by 10%, it is **D28662**.

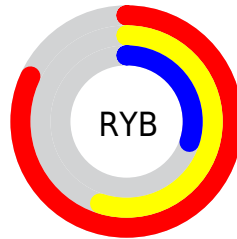
# Distribution



Red (82%)

Green (47%)

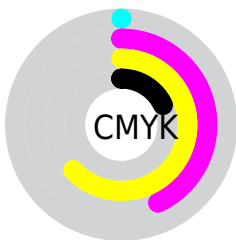
Blue (30%)



Red (82%)

Yellow (55%)

Blue (30%)

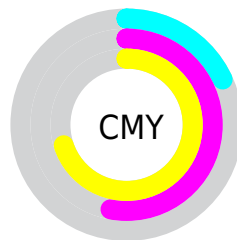


Cyan (0%)

Magenta (43%)

Yellow (63%)

Black (18%)



Cyan (18%)

Magenta (53%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D2784D 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 D2784D by changing the saturation by 10% instead.



 D2784D

 D2784D

FFFFFF

 B45F35

 FFAD7F

 97461E

 FFC999

 7A2E06

 FFE5B4

 5E1500

 FFFF00

 410000

 FFFFED

 2A0001

 000000

 D2784D

 D2784D

 D26A38

 D28662

 D25C23

 D29477

 D24D0E

 D2A38C

 D24400

 D2B1A1

 D2BFB6

 D2CDCB

 D2DBE0

 D2EAF5

 D2F8FF

# Harmonies

## Analogous

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



E06B73



D2784D



B48936

# Triad

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



D2784D



00A480



7B89E1

# Complementary

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



D2784D



4DA7D2

# 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.



0098E5



D2784D



00A5AD

# Square

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



D2784D



56A056



00A1D2



B878C7

# Rectangle

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



D2784D



999235



00A1D2



5E8FE5



# Sweetspot

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



D2784D



FFDECF



D24DA8



806C62



000000



808080



# Same Dimension

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



D2784D



FF7C3D



D2BA4D



69615E



A83600



290D00



# Inverse Universe

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



4DA7D2



3DC0FF



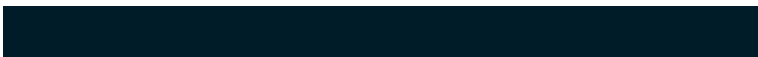
4D65D2



5E6569



0072A8

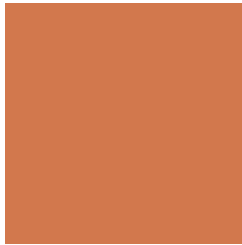


001C29



# Previews

## White Background



This preview shows how the Hex color D2784D looks on a white background.

## Color Contrast Check

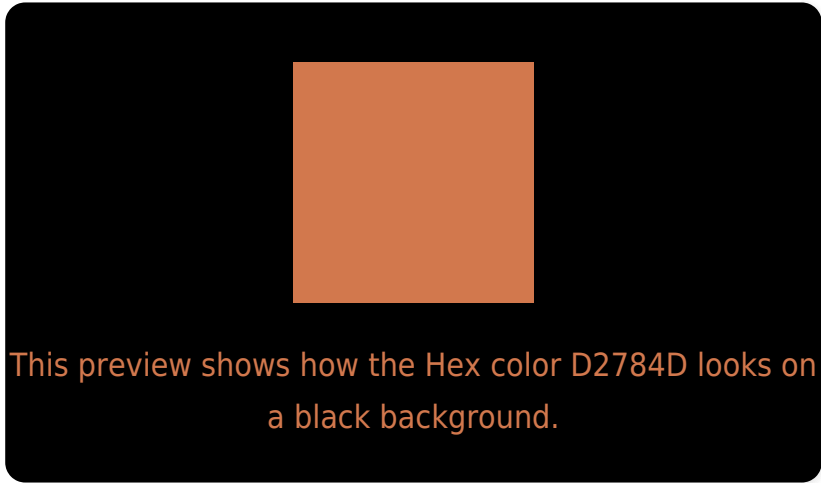
Large Text (above 18pt) WCAG AA ✓ Pass

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 D2784D Background



This preview shows how black text looks on a background with the Hex color D2784D.



This preview shows how white text looks on a background with the Hex color D2784D.

# 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**  
D2784D

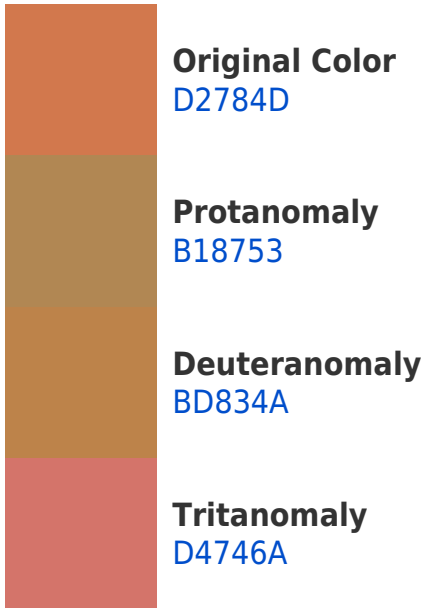
**Protanopia**  
9E9056

**Deuteranopia**  
B18949

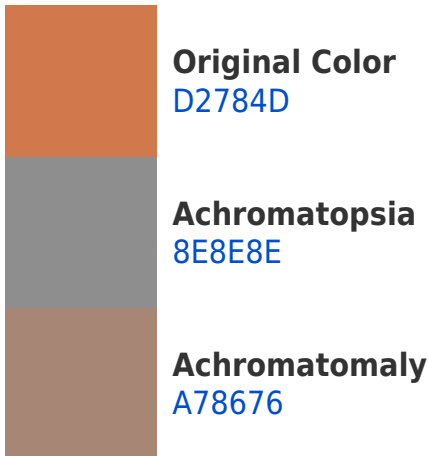


**Tritanopia**  
D5727B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D2784D 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 #D2784D looks like.

```
.text, #text, p{  
    color:#D2784D  
}
```

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 #D2784D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2784D
}
```

## Border

The CSS property to change the border of an element to Hex D2784D 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
#D2784D }
```

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

```
.border{ border-color:#D2784D }
```

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

Here you see how a box with a 4 pixel #D2784D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2784D; -webkit-box-shadow:4px 4px  
4px 4px #D2784D; box-shadow:4px 4px 4px  
4px #D2784D }
```

# Background

The CSS property to change the background color of an element to Hex D2784D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2784D }
```

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

```
.background{ background-color:#D2784D }
```

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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