

# Converting Colors

Hex(D1793E)

Have a look what the booklet for  
Hex(D1793E) contains.

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**Color**

**Hex(D1793E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D1793E
RGB	209, 121, 62
RGB Percent	82%, 47%, 24%
CMY	0.1804, 0.5255, 0.7569
CMYK	0.00, 0.42, 0.70, 0.18
HSL	24°, 62%, 53%
HSV	24°, 70%, 82%
XYZ	34.0014, 27.5779, 8.0884
YIQ	140.5860, 71.3870, 0.3070

# Conversions

## Conversions Part 2

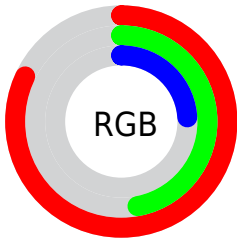
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	209, 161, 62
Decimal	13728062
CIE <sub>Lab</sub>	59.51, 29.49, 46.11
CIE <sub>LCh</sub>	60, 54.730, 57.400
Yxy	27.5779, 0.4881, 0.3958
Android (android.graphics.Color)	4291918142 (0xFFD1793E)
YUV	140.5860, -38.7429, 59.9991
Hunter-Lab	52.5146, 23.6719, 27.6283

# Details

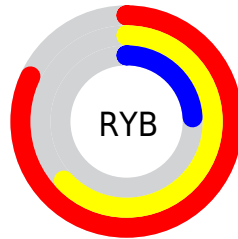
The Hex color **D1793E** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **3E96D1**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FFAE70**, and **95470B** is the 20% darker color. If you saturate the color by 10%, you get **D16C29**, and if you desaturate by 10%, it is **D18653**.

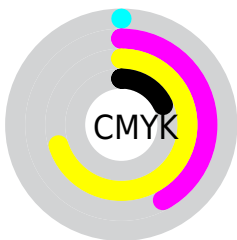
# Distribution



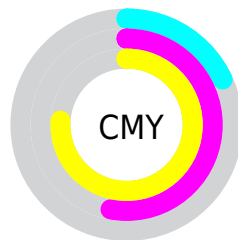
- Red (82%)
- Green (47%)
- Blue (24%)



- Red (82%)
- Yellow (63%)
- Blue (24%)



- Cyan (0%)
- Magenta (42%)
- Yellow (70%)
- Black (18%)



- Cyan (18%)
- Magenta (53%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D1793E 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 D1793E by changing the saturation by 10% instead.



 D1793E

 D1793E

FFFFFF

 B36026

 FFAE70

 95470B

 FFCA8A

 782F00

 FFE6A5

 5B1800

 FFFFC1

 3F0000

 FFFFDD

 280001

 FFFFFA

 000000

 D1793E

 D1793E

 D16C29

 D18653

 D16014

 D19268

 D15400

 D19F7D

 D1AB92

 D1B8A7

 D1C4BB

 D1D1D0

 D1DDE5

 D1EAFA

# Harmonies

## Analogous

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



E56866



D1793E



AD8B27

# Triad

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



D1793E



00A689



8984E5

# Complementary

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



D1793E



3E96D1

# 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.



0096EF



D1793E



00A6BA

# Square

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



D1793E



3BA259



00A1E0



C670C4

# Rectangle

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



D1793E



8E952B



00A1E0



6B8BEB

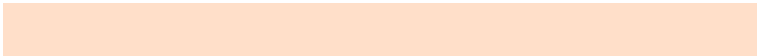


# Sweetspot

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



D1793E



FFDFC9



D13E96



806C60



000000



808080



# Same Dimension

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



D1793E



FF7F29



D1C23E



69625E



A84400



291000



# Inverse Universe

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



3E96D1



29A9FF



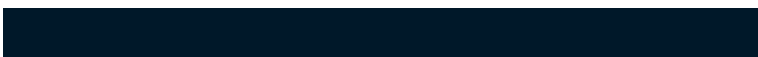
3E4DD1



5E6469



0065A8

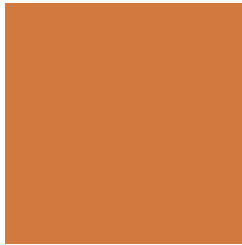


001829



# Previews

## White Background



This preview shows how the Hex color D1793E 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

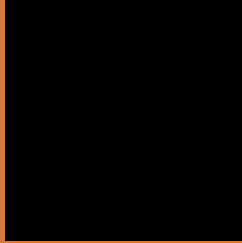
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex D1793E Background



This preview shows how black text looks on a background with the Hex color D1793E.



This preview shows how white text looks on a background with the Hex color D1793E.

# 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



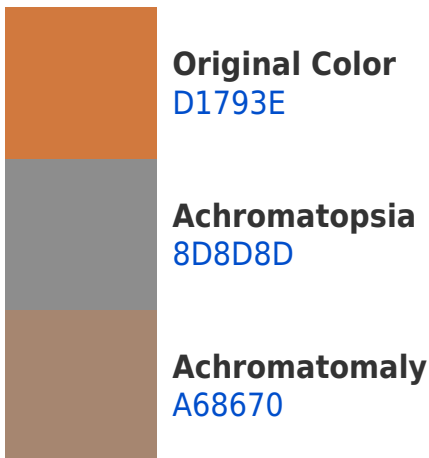


**Tritanopia**  
D4727A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D1793E 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 #D1793E looks like.

```
.text, #text, p{  
    color:#D1793E  
}
```

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 #D1793E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1793E
}
```

## Border

The CSS property to change the border of an element to Hex D1793E 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
#D1793E }
```

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

```
.border{ border-color:#D1793E }
```

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

Here you see how a box with a 4 pixel #D1793E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1793E; -webkit-box-shadow:4px 4px  
4px 4px #D1793E; box-shadow:4px 4px 4px  
4px #D1793E }
```

# Background

The CSS property to change the background color of an element to Hex D1793E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1793E }
```

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

```
.background{ background-color:#D1793E }
```

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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