

Converting Colors

Hex(DC795D)

Have a look what the booklet for
Hex(DC795D) contains.

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Color

Hex(DC795D)

Conversions

Conversions Part 1

Format	Color
Hex	DC795D
RGB	220, 121, 93
RGB Percent	86%, 47%, 36%
CMY	0.1373, 0.5255, 0.6353
CMYK	0.00, 0.45, 0.58, 0.14
HSL	13°, 64%, 61%
HSV	13°, 58%, 86%
XYZ	38.3284, 29.6807, 14.0647
YIQ	147.4090, 67.9920, 12.2800

Conversions

Conversions Part 2

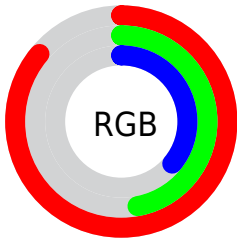
Format	Color
R_{YB}	220, 129, 93
Decimal	14448989
CIE _{Lab}	61.38, 35.88, 32.31
CIE _{LCh}	61, 48.280, 42.006
Yxy	29.6807, 0.4670, 0.3616
Android (android.graphics.Color)	4292639069 (0xFFDC795D)
YUV	147.4090, -26.8236, 63.6623
Hunter-Lab	54.4800, 30.2402, 22.8295

Details

The Hex color **DC795D** 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 **5DC0DC**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FFAF90**, and **A0462E** is the 20% darker color. If you saturate the color by 10%, you get **DC6847**, and if you desaturate by 10%, it is **DC8A73**.

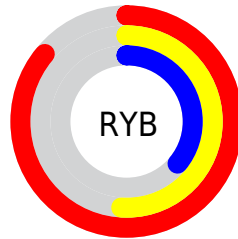
Distribution



Red (86%)

Green (47%)

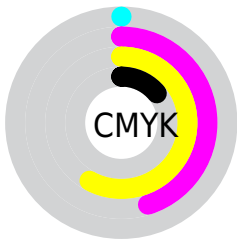
Blue (36%)



Red (86%)

Yellow (51%)

Blue (36%)

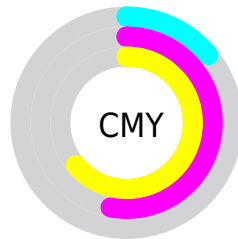


Cyan (0%)

Magenta (45%)

Yellow (58%)

Black (14%)



Cyan (14%)

Magenta (53%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC795D 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 DC795D by changing the saturation by 10% instead.

 DC795D

 DC795D

FFFFFF

 BE5F45

 FFAF90

 A0462E

 FFCBAA

 832D18

 FFE7C6

 671300

 FFFFE2

 4B0000

 310001

 000000

 DC795D

 DC795D

 DC6847

 DC8A73

 DC5731

 DC9B89

 DC461B

 DCAC9F

 DC3405

 DCBEB5

 DC3100

 DCCFCB

 DCE0E1

 DCF1F7

 DCFFFF

Harmonies

Analogous

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



E47085



DC795D



C28942

Triad

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



DC795D



23A878



6A93E8

Complementary

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



DC795D



5DC0DC

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.



00A0E5



DC795D



00AAA5

Square

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



DC795D



6DA252



00A7CC



AE82D4

Rectangle

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



DC795D



AA933B



00A7CC



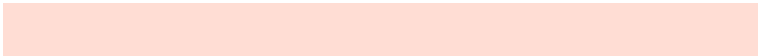
4898E9

Sweetspot

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



DC795D



FFDDD4



DC5DC0



806C66



000000



808080

Same Dimension

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



DC795D



FF764F



DCB85D



6E6563



AD2600



2E0A00

Inverse Universe

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



5DC0DC



4FD8FF



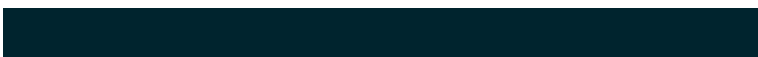
5D81DC



636B6E



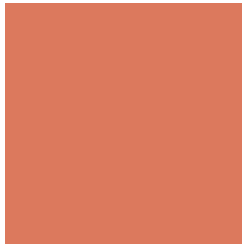
0087AD



00242E

Previews

White Background



This preview shows how the Hex color DC795D looks on a white background.

Color Contrast Check

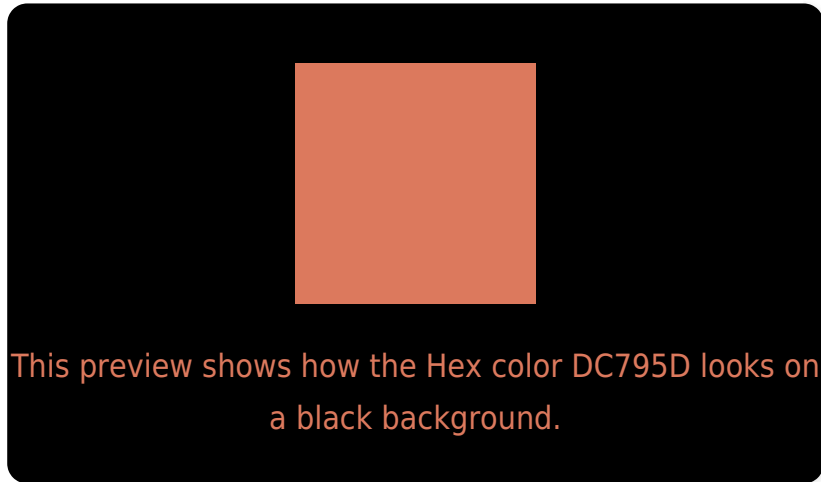
Large Text (above 18pt) WCAG AA ✓ Pass

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

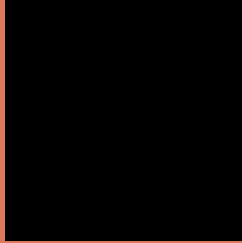
Any Text WCAG AA ✓ Pass

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 DC795D Background



This preview shows how black text looks on a background with the Hex color DC795D.

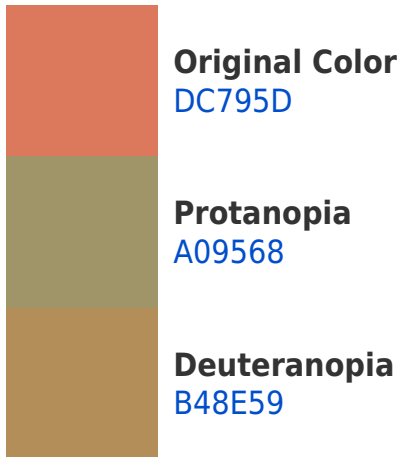



This preview shows how white text looks on a background with the Hex color DC795D.

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
DE757D

Trichromacy



Original Color
DC795D

Protanomaly
B68B64

Deuteranomaly
C3865A

Tritanomaly
DD7671

Monochromacy



Original Color
DC795D

Achromatopsia
939393

Achromatomaly
AE8A7F

CSS Examples

Text

The CSS property to change the color of the text to Hex DC795D 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 #DC795D looks like.

```
.text, #text, p{  
    color:#DC795D  
}
```

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 #DC795D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC795D  
}
```

Border

The CSS property to change the border of an element to Hex DC795D 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  
#DC795D }
```

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

```
.border{ border-color:#DC795D }
```

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

Here you see how a box with a 4 pixel #DC795D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC795D; -webkit-box-shadow:4px 4px  
4px 4px #DC795D; box-shadow:4px 4px 4px  
4px #DC795D }
```

Background

The CSS property to change the background color of an element to Hex DC795D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC795D }
```

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

```
.background{ background-color:#DC795D }
```

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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