

Converting Colors

Hex(D1755F)

Have a look what the booklet for
Hex(D1755F) contains.

Hex(D1755F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D1755F)

Conversions

Conversions Part 1

Format	Color
Hex	D1755F
RGB	209, 117, 95
RGB Percent	82%, 46%, 37%
CMY	0.1804, 0.5412, 0.6275
CMYK	0.00, 0.44, 0.55, 0.18
HSL	12°, 55%, 60%
HSV	12°, 55%, 82%
XYZ	34.7213, 27.1041, 14.2281
YIQ	142.0000, 61.8940, 12.6620

Conversions

Conversions Part 2

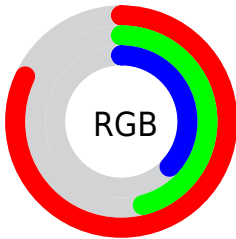
Format	Color
RYB	209, 122, 95
Decimal	13727071
CIELab	59.07, 33.85, 27.94
CIELCh	59, 43.891, 39.539
Yxy	27.1041, 0.4565, 0.3564
Android (android.graphics.Color)	4291917151 (0xFFD1755F)
YUV	142.0000, -23.1710, 58.7590
Hunter-Lab	52.0616, 27.9388, 20.2396

Details

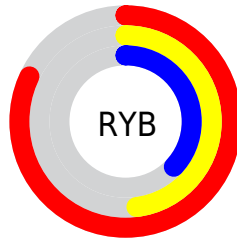
The Hex color **D1755F** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **5FBBD1**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FFAA92**, and **964330** is the 20% darker color. If you saturate the color by 10%, you get **D1644A**, and if you desaturate by 10%, it is **D18674**.

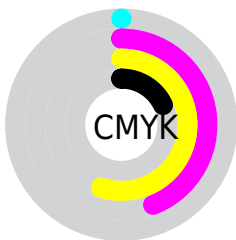
Distribution



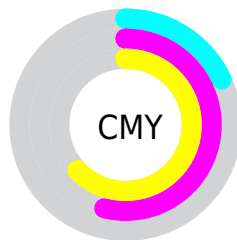
- Red (82%)
- Green (46%)
- Blue (37%)



- Red (82%)
- Yellow (48%)
- Blue (37%)



- Cyan (0%)
- Magenta (44%)
- Yellow (55%)
- Black (18%)



- Cyan (18%)
- Magenta (54%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color D1755F 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 D1755F by changing the saturation by 10% instead.

 D1755F

 D1755F

FFFFFF

 B35B47

 FFAA92

 964330

 FFC6AC

 7A2A1B

 FFE2C8

 5E1002

 FFFFE4

 420000

 2A0001

 000000

 D1755F

 D1755F

 D1644A

 D18674

 D15335

 D19789

 D14220

 D1A89E

 D1320B

 D1B8B3

 D12800

 D1C9C8

 D1DADC

 D1EBF1

 D1FCFF

 D1FFFF

Harmonies

Analogous

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



D76E83



D1755F



BB8345

Triad

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



D1755F



37A072



648EDA

Complementary

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



D1755F



5FBBD1

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.



0099D6



D1755F



00A29A

Square

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



D1755F



709A51



00A0BE



A17FCA

Rectangle

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



D1755F



A58C3F



00A0BE



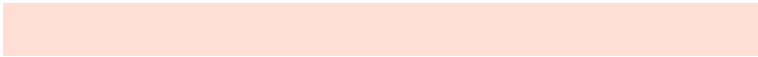
4792DB

Sweetspot

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



D1755F



FFDED6



D15FBC



806C67



000000



808080

Same Dimension

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



D1755F



FF7959



D1AD5F



69605E



A82000



290800

Inverse Universe

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



5FBBD1



59DFFF



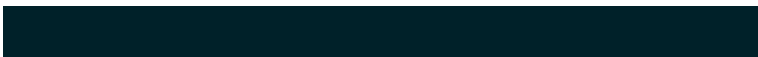
5F83D1



5E6769



0088A8



002129

Previews

White Background



This preview shows how the Hex color D1755F looks on a white background.

Color Contrast Check

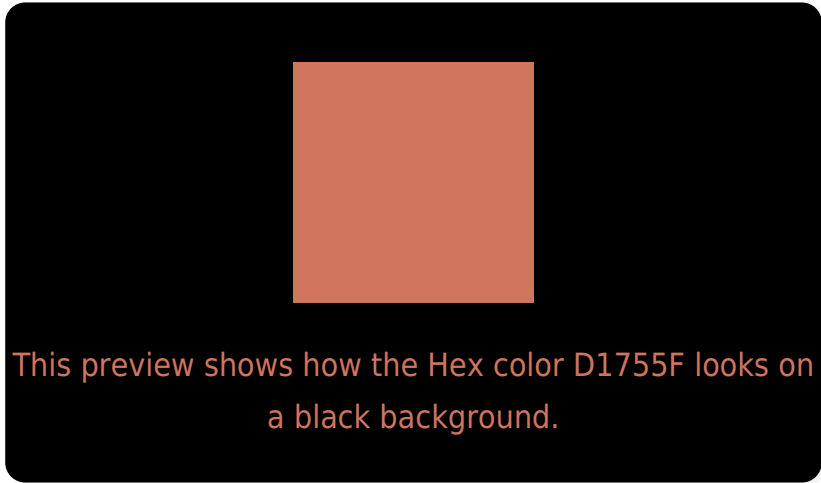
Large Text (above 18pt) WCAG AA ✓ Pass

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 D1755F Background



This preview shows how black text looks on a background with the Hex color D1755F.

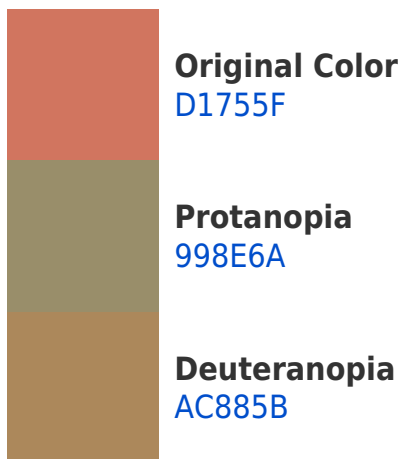


This preview shows how white text looks on a background with the Hex color D1755F.

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](#).

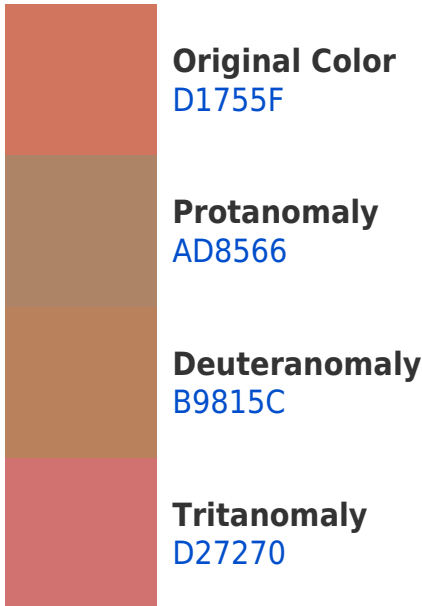
Dichromacy





Tritanopia
D3717A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D1755F 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 #D1755F looks like.

```
.text, #text, p{  
    color:#D1755F  
}
```

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 #D1755F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1755F
}
```

Border

The CSS property to change the border of an element to Hex D1755F is called "border". The border property can be set on classes, ids or directly on the HTML element.

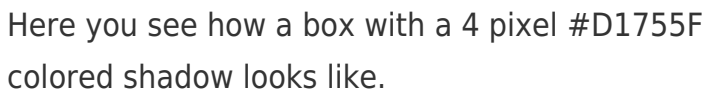
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D1755F }
```

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

```
.border{ border-color:#D1755F }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel #D1755F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1755F; -webkit-box-shadow:4px 4px  
4px 4px #D1755F; box-shadow:4px 4px 4px  
4px #D1755F }
```

Background

The CSS property to change the background color of an element to Hex D1755F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1755F }
```

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

```
.background{ background-color:#D1755F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor