

# Converting Colors

Hex(D5745A)

Have a look what the booklet for  
Hex(D5745A) contains.

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# Color

**Hex(D5745A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D5745A
RGB	213, 116, 90
RGB Percent	84%, 45%, 35%
CMY	0.1647, 0.5451, 0.6471
CMYK	0.00, 0.46, 0.58, 0.16
HSL	13°, 59%, 59%
HSV	13°, 58%, 84%
XYZ	35.5314, 27.3751, 13.0841
YIQ	142.0390, 66.1580, 12.4780

# Conversions

## Conversions Part 2

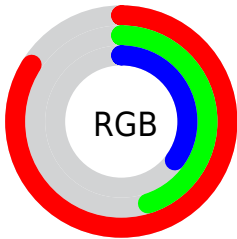
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	213, 123, 90
Decimal	13988954
CIE <sub>Lab</sub>	59.32, 35.53, 31.17
CIE <sub>LCh</sub>	59, 47.265, 41.256
Yxy	27.3751, 0.4676, 0.3602
Android (android.graphics.Color)	4292179034 (0xFFD5745A)
YUV	142.0390, -25.6552, 62.2328
Hunter-Lab	52.3212, 29.6575, 21.7981

# Details

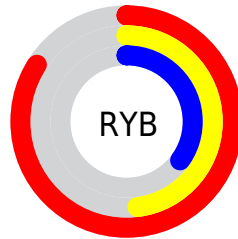
The Hex color **D5745A** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **5ABBD5**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FFA98C**, and **9A412C** is the 20% darker color. If you saturate the color by 10%, you get **D56345**, and if you desaturate by 10%, it is **D5856F**.

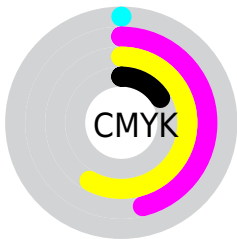
# Distribution



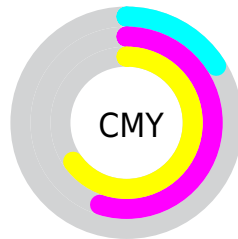
- Red (84%)
- Green (45%)
- Blue (35%)



- Red (84%)
- Yellow (48%)
- Blue (35%)



- Cyan (0%)
- Magenta (46%)
- Yellow (58%)
- Black (16%)



- Cyan (16%)
- Magenta (55%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D5745A 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 D5745A by changing the saturation by 10% instead.



 D5745A

 D5745A

FFFFFF

 B75A42

 FFA98C

 9A412C

 FFC5A7

 7D2916

 FFE1C2

 610E00

 FFFEDE

 440000

 FFFFFB

 2D0001

 000000

 D5745A

 D5745A

 D56345

 D5856F

 D5522F

 D59685

 D5421A

 D5A69A

 D53105

 D5B7AF

 D52D00

 D5C8C5

 D5D9DA

 D5EAEF

 D5FAFF

 D5FFFF

# Harmonies

## Analogous

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



DC6B81



D5745A



BC833F

# Triad

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



D5745A



23A273



638EE0

# Complementary

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



D5745A



5ABBD5

# 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.



009ADD



D5745A



00A49E

# Square

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



D5745A



6A9C4E



00A2C4



A67ECE

# Rectangle

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



D5745A



A58D38



00A2C4



4193E2

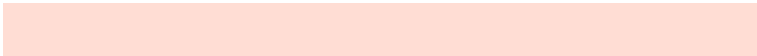


# Sweetspot

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



D5745A



FFDDD4



D55ABC



806B66



000000



808080



# Same Dimension

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



D5745A



FF744F



D5B05A



6B6360



AB2400



2B0900



# Inverse Universe

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



5ABBD5



4FDAFF



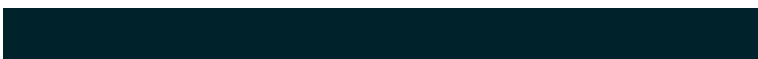
5A7FD5



60696B



0087AB

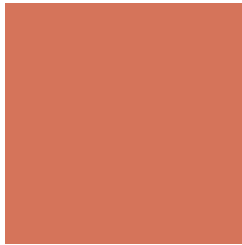


00222B



# Previews

## White Background



This preview shows how the Hex color D5745A looks on a white background.

## Color Contrast Check

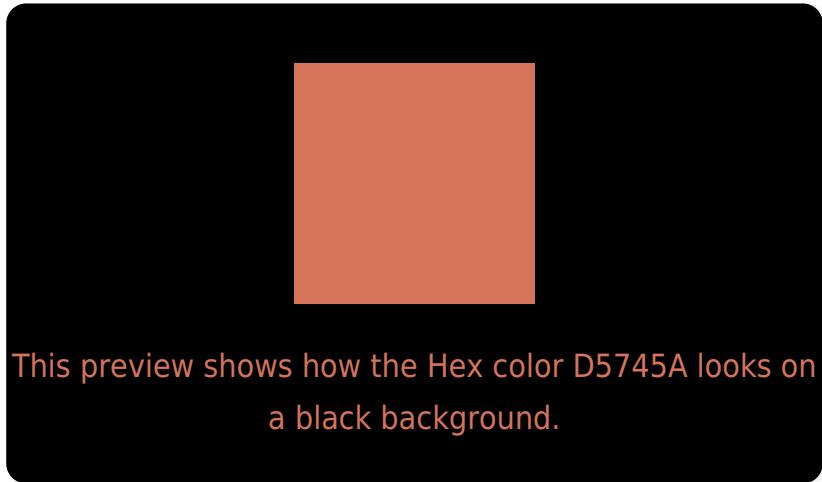
Large Text (above 18pt) WCAG AA ✓ Pass

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

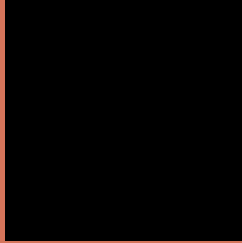
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex D5745A Background



This preview shows how black text looks on a background with the Hex color D5745A.



This preview shows how white text looks on a background with the Hex color D5745A.

# 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**  
D5745A

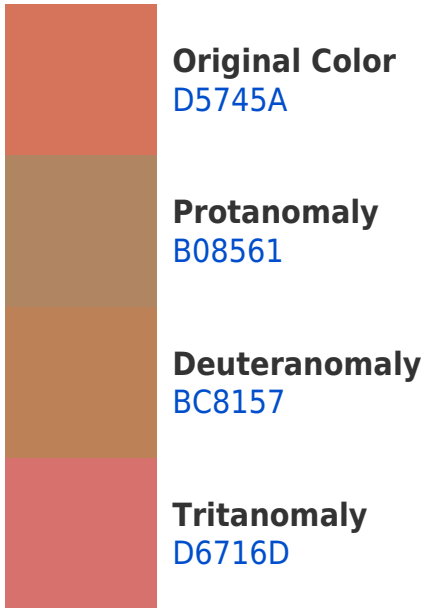
**Protanopia**  
9B8F65

**Deuteranopia**  
AE8956

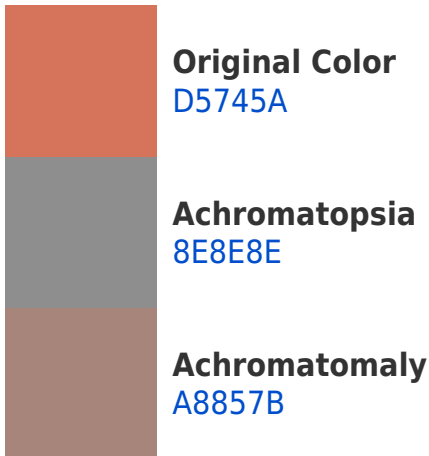


**Tritanopia**  
D77078

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D5745A 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 #D5745A looks like.

```
.text, #text, p{  
    color:#D5745A  
}
```

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 #D5745A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5745A
}
```

## Border

The CSS property to change the border of an element to Hex D5745A 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
#D5745A }
```

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

```
.border{ border-color:#D5745A }
```

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

Here you see how a box with a 4 pixel #D5745A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5745A; -webkit-box-shadow:4px 4px  
4px 4px #D5745A; box-shadow:4px 4px 4px  
4px #D5745A }
```

# Background

The CSS property to change the background color of an element to Hex D5745A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5745A }
```

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

```
.background{ background-color:#D5745A }
```

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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