

Converting Colors

Hex(DB745A)

Have a look what the booklet for
Hex(DB745A) contains.

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Color

Hex(DB745A)

Conversions

Conversions Part 1

Format	Color
Hex	DB745A
RGB	219, 116, 90
RGB Percent	86%, 45%, 35%
CMY	0.1412, 0.5451, 0.6471
CMYK	0.00, 0.47, 0.59, 0.14
HSL	12°, 64%, 61%
HSV	12°, 59%, 86%
XYZ	37.3043, 28.2890, 13.1670
YIQ	143.8330, 69.7340, 13.7500

Conversions

Conversions Part 2

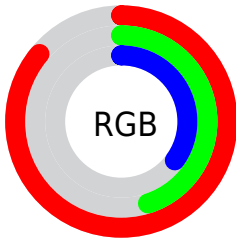
Format	Color
R_{YB}	219, 123, 90
Decimal	14382170
CIE _{Lab}	60.15, 37.85, 32.39
CIE _{LCh}	60, 49.818, 40.553
Yxy	28.2890, 0.4736, 0.3592
Android (android.graphics.Color)	4292572250 (0xFFDB745A)
YUV	143.8330, -26.5397, 65.9215
Hunter-Lab	53.1874, 32.1172, 22.5534

Details

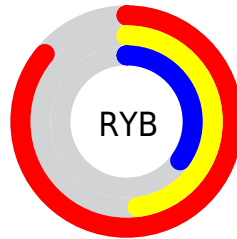
The Hex color **DB745A** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **5AC1DB**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FFAA8D**, and **9F412B** is the 20% darker color. If you saturate the color by 10%, you get **DB6344**, and if you desaturate by 10%, it is **DB8570**.

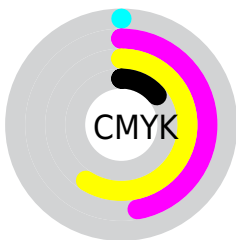
Distribution



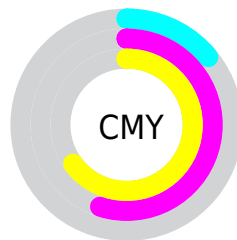
- Red (86%)
- Green (45%)
- Blue (35%)



- Red (86%)
- Yellow (48%)
- Blue (35%)



- Cyan (0%)
- Magenta (47%)
- Yellow (59%)
- Black (14%)



- Cyan (14%)
- Magenta (55%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB745A 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 DB745A by changing the saturation by 10% instead.

 DB745A

 DB745A

FFFFFF

 BD5A42

 FFAA8D

 9F412B

 FFC5A7

 822816

 FFE2C2

 660B00

 FFFFDE

 490000

 FFFFFB

 310002

 000000

 DB745A

 DB745A

 DB6344

 DB8570

 DB512E

 DB9786

 DB4018

 DBA89C

 DB2E02

 DBBAB2

 DB2C00

 DBCBC7

 DBDDDD

 DBEEF3

 DBFFFF

Harmonies

Analogous

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



E26A83



DB745A



C1843C

Triad

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



DB745A



1BA572



5F90E7

Complementary

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



DB745A



5AC1DB

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.



009EE3



DB745A



00A7A0

Square

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



DB745A



6B9F4B



00A5C9



A87FD4

Rectangle

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



DB745A



A98F35



00A5C9



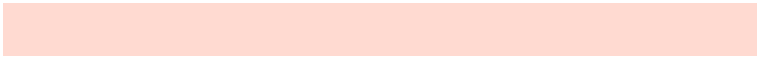
3695E9

Sweetspot

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



DB745A



FFDAD1



DB5AC1



806963



000000



808080

Same Dimension

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



DB745A



FF6E4A



DBB45A



6E6563



AD2300



2E0900

Inverse Universe

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



5AC1DB



4ADBFF



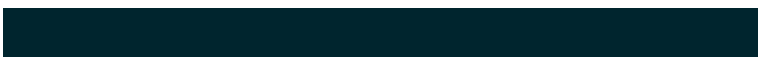
5A81DB



636B6E



008AAD



00252E

Previews

White Background



This preview shows how the Hex color DB745A looks on a white background.

Color Contrast Check

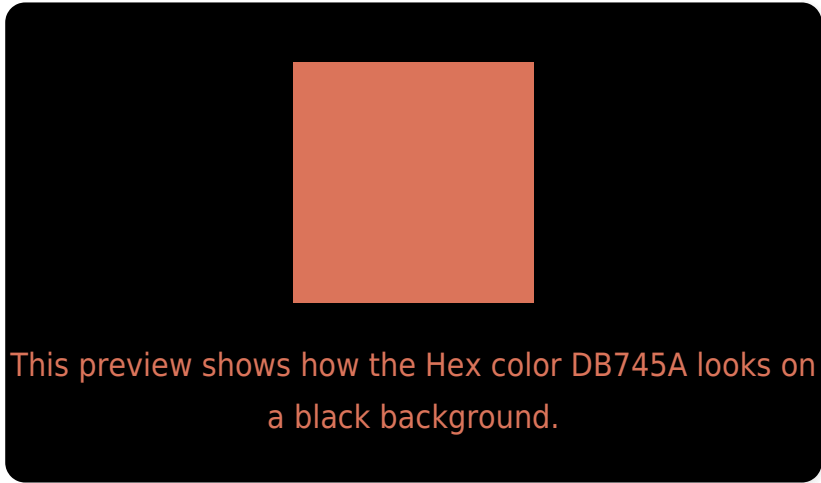
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB745A Background



This preview shows how black text looks on a background with the Hex color DB745A.



This preview shows how white text looks on a background with the Hex color DB745A.

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
DB745A

Protanopia
9D9166

Deuteranopia
B18B56

Trichromacy



Original Color
DB745A

Protanomaly
B48662

Deuteranomaly
C08357

Tritanomaly
DC716D

Monochromacy



Original Color
DB745A

Achromatopsia
909090

Achromatomaly
AB867C

CSS Examples

Text

The CSS property to change the color of the text to Hex DB745A 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 #DB745A looks like.

```
.text, #text, p{  
    color:#DB745A  
}
```

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 #DB745A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB745A
}
```

Border

The CSS property to change the border of an element to Hex DB745A 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
#DB745A }
```

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

```
.border{ border-color:#DB745A }
```

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

Here you see how a box with a 4 pixel #DB745A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB745A; -webkit-box-shadow:4px 4px  
4px 4px #DB745A; box-shadow:4px 4px 4px  
4px #DB745A }
```

Background

The CSS property to change the background color of an element to Hex DB745A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB745A }
```

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

```
.background{ background-color:#DB745A }
```

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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