

Converting Colors

Hex(DA4745)

Have a look what the booklet for
Hex(DA4745) contains.

Hex(DA4745)	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(DA4745)

Conversions

Conversions Part 1

Format	Color
Hex	DA4745
RGB	218, 71, 69
RGB Percent	85%, 28%, 27%
CMY	0.1451, 0.7216, 0.7294
CMYK	0.00, 0.67, 0.68, 0.15
HSL	1°, 67%, 56%
HSV	1°, 68%, 85%
XYZ	32.2409, 19.8416, 7.7607
YIQ	114.7250, 88.2540, 30.5420

Conversions

Conversions Part 2

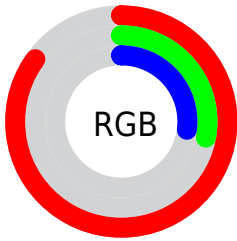
Format	Color
RYB	218, 71, 69
Decimal	14305093
CIELab	51.66, 57.08, 33.73
CIElCh	52, 66.298, 30.579
Yxy	19.8416, 0.5388, 0.3316
Android (android.graphics.Color)	4292495173 (0xFFDA4745)
YUV	114.7250, -22.5424, 90.5722
Hunter-Lab	44.5439, 51.2465, 20.8508

Details

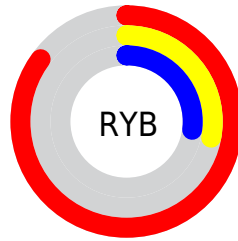
The Hex color **DA4745** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **45D8DA**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FF7F76**, and **9C0019** is the 20% darker color. If you saturate the color by 10%, you get **DA312F**, and if you desaturate by 10%, it is **DA5D5B**.

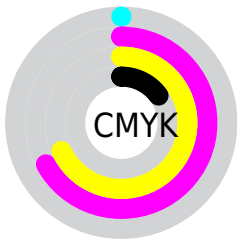
Distribution



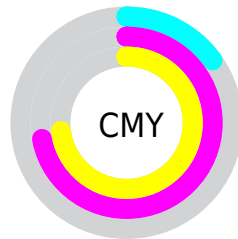
- Red (85%)
- Green (28%)
- Blue (27%)



- Red (85%)
- Yellow (28%)
- Blue (27%)



- Cyan (0%)
- Magenta (67%)
- Yellow (68%)
- Black (15%)



- Cyan (15%)
- Magenta (72%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color DA4745 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 DA4745 by changing the saturation by 10% instead.

 DA4745

 DA4745

FFFFFF

 BB282E

 FF7F76

 9C0019

 FF9B8F

 7D0001

 FFB8AA

 5F0000

 FFD4C5

 430002

 FFF2E1

 230001

FFFFFFE

 000000

 DA4745

 DA4745

 DA312F

 DA5D5B

 DA1C19

 DA7271

 DA0604

 DA8886

 DA0300

 DA9D9C

 DAB3B2

 DAC8C8

 DADEDE

 DAF3F3

 DAFFFF

Harmonies

Analogous

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



DC3B7D



DA4745



BF620B

Triad

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



DA4745



00913F



0082EE

Complementary

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



DA4745



45D8DA

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.



008FDE



DA4745



00947B

Square

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



DA4745



5A8800



0094B4



786BDE

Rectangle

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



DA4745



A37200



0094B4



0087EC

Sweetspot

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



DA4745



FFCAC9



DA45DA



806060



000000



808080

Same Dimension

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



DA4745



FF312E



DA9045



6E6363



AD0200



2E0100

Inverse Universe

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



45D8DA



2EFCFF



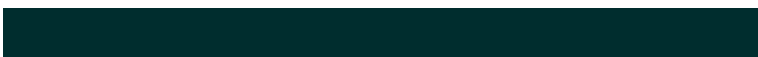
4590DA



636E6E



00ABAD



002D2E

Previews

White Background



This preview shows how the Hex color DA4745 looks on a white background.

Color Contrast Check

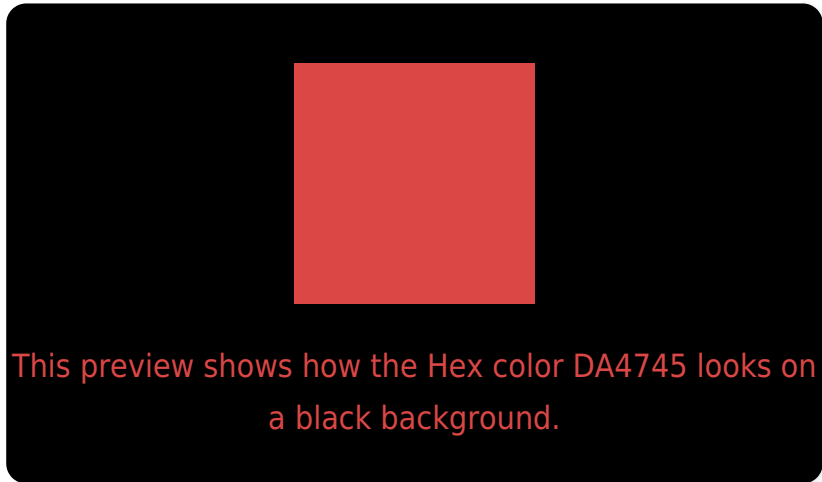
Large Text (above 18pt) WCAG AA ✓ Pass

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 DA4745 Background



This preview shows how black text looks on a background with the Hex color DA4745.



This preview shows how white text looks on a background with the Hex color DA4745.

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
DA4745

Protanopia
857C58

Deuteranopia
98763D



Tritanopia
DA464A

Trichromacy



Original Color
DA4745

Protanomaly
A46951

Deuteranomaly
B06540

Tritanomaly
DA4648

Monochromacy



Original Color
DA4745

Achromatopsia
737373

Achromatomaly
986362

CSS Examples

Text

The CSS property to change the color of the text to Hex DA4745 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 #DA4745 looks like.

```
.text, #text, p{  
  color:#DA4745  
}
```

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 #DA4745 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA4745
}
```

Border

The CSS property to change the border of an element to Hex DA4745 is called "border". The border property can be set on classes, ids or directly on the HTML element.

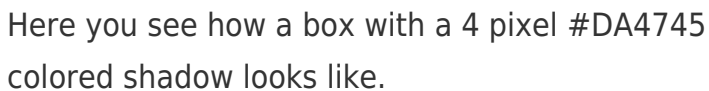
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DA4745 }
```

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

```
.border{ border-color:#DA4745 }
```

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



Here you see how a box with a 4 pixel #DA4745 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA4745; -webkit-box-shadow:4px 4px  
4px 4px #DA4745; box-shadow:4px 4px 4px  
4px #DA4745 }
```

Background

The CSS property to change the background color of an element to Hex DA4745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA4745 }
```

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

```
.background{ background-color:#DA4745 }
```

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