

# Converting Colors

Hex(DA4C45)

Have a look what the booklet for  
Hex(DA4C45) contains.

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**Color**

**Hex(DA4C45)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | DA4C45                     |
| RGB           | 218, 76, 69                |
| RGB Percent   | 85%, 30%, 27%              |
| CMY           | 0.1451, 0.7020, 0.7294     |
| CMYK          | 0.00, 0.65, 0.68, 0.15     |
| HSL           | 3°, 67%, 56%               |
| HSV           | 3°, 68%, 85%               |
| XYZ           | 32.5721, 20.5040, 7.8712   |
| YIQ           | 117.6600, 86.8790, 27.9270 |

# Conversions

## Conversions Part 2

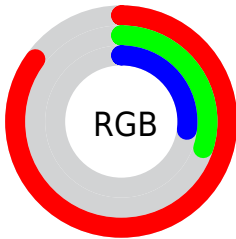
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 218, 76, 69                    |
| Decimal                             | 14306373                       |
| CIE Lab                             | 52.40, 55.06, 34.62            |
| CIE LCh                             | 52, 65.038, 32.161             |
| Yxy                                 | 20.5040, 0.5344,<br>0.3364     |
| Android<br>(android.graphics.Color) | 4292496453<br>(0xFFDA4C45)     |
| YUV                                 | 117.6600, -23.9894,<br>87.9982 |
| Hunter-Lab                          | 45.2813, 49.1575,<br>21.3907   |

# Details

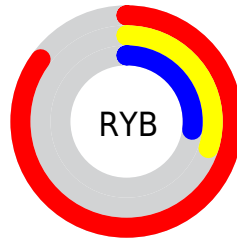
The Hex color **DA4C45** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **45D3DA**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF8376**, and **9C0619** is the 20% darker color. If you saturate the color by 10%, you get **DA372F**, and if you desaturate by 10%, it is **DA615B**.

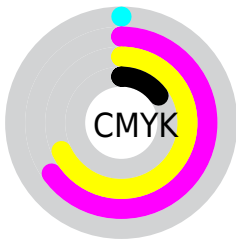
# Distribution



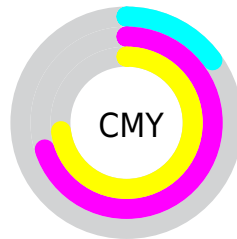
- Red (85%)
- Green (30%)
- Blue (27%)



- Red (85%)
- Yellow (30%)
- Blue (27%)



- Cyan (0%)
- Magenta (65%)
- Yellow (68%)
- Black (15%)



- Cyan (15%)
- Magenta (70%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DA4C45 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 DA4C45 by changing the saturation by 10% instead.



 DA4C45

 DA4C45

FFFFFF

 BB2F2E

 FF8376

 9C0619

 FF9F8F

 7E0000

 FFBCAA

 5F0000

 FFD9C5

 430002

 FFF6E1

 240001

FFFFFFE

 000000

 DA4C45

 DA4C45

 DA372F

 DA615B

 DA2219

 DA7671

 DA0E04

 DA8A86

 DA0A00

 DA9F9C

 DAB4B2

 DAC9C8

 DADDDE

 DAF2F3

 DAFFFF

# Harmonies

## Analogous

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



DE3F7B



DA4C45



BE660E

# Triad

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



DA4C45



009346



0083ED

# Complementary

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



DA4C45



45D3DA

# 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.



0090E0



DA4C45



009680

# Square

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



DA4C45



5A8B05



0096B7



806CDC

# Rectangle

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



DA4C45



A37500



0096B7



0088EC



# Sweetspot

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



DA4C45



FFCC99



DA45D5



806160



000000



808080



# Same Dimension

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



DA4C45



FF382E



DA9445



6E6363



AD0800



2E0200



# Inverse Universe

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



45D3DA



2EF5FF



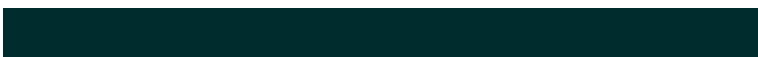
458BDA



636D6E



00A5AD



002C2E



# Previews

## White Background



This preview shows how the Hex color DA4C45 looks on a white background.

## Color Contrast Check

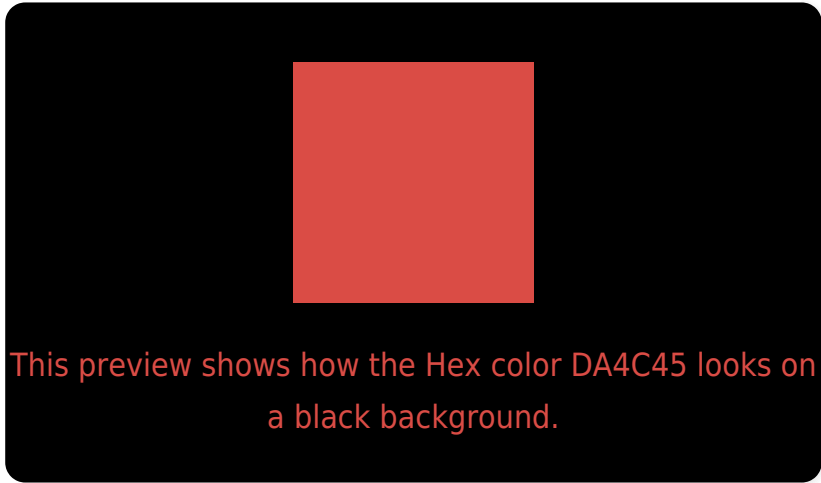
Large Text (above 18pt) WCAG AA ✓ Pass

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 DA4C45 Background



This preview shows how black text looks on a background with the Hex color DA4C45.

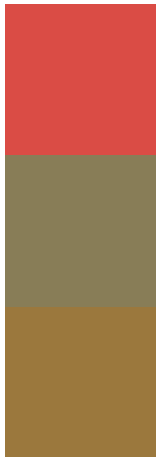


This preview shows how white text looks on a background with the Hex color DA4C45.

# 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**  
DA4C45

**Protanopia**  
887D57

**Deuteranopia**  
9B783D



**Tritanopia**  
DA4B4F

# Trichromacy



**Original Color**  
DA4C45

**Protanomaly**  
A66B50

**Deuteranomaly**  
B26840

**Tritanomaly**  
DA4B4B

# Monochromacy



**Original Color**  
DA4C45

**Achromatopsia**  
767676

**Achromatomaly**  
9A6764

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DA4C45 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 #DA4C45 looks like.

```
.text, #text, p{  
    color:#DA4C45  
}
```

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 #DA4C45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA4C45
}
```

## Border

The CSS property to change the border of an element to Hex DA4C45 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".

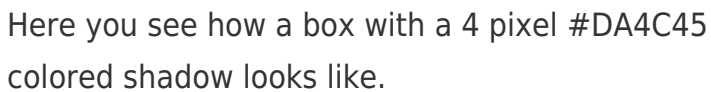
```
.border, #border, table{ border:4px solid
#DA4C45 }
```

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

```
.border{ border-color:#DA4C45 }
```

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

Here you see how a box with a 4 pixel #DA4C45 colored shadow looks like.

A rectangular box with a red border and a red shadow. The box is white with a red border and a red shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA4C45; -webkit-box-shadow:4px 4px  
4px 4px #DA4C45; box-shadow:4px 4px 4px  
4px #DA4C45 }
```

# Background

The CSS property to change the background color of an element to Hex DA4C45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA4C45 }
```

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

```
.background{ background-color:#DA4C45 }
```

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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