

Converting Colors

Hex(DA4742)

Have a look what the booklet for
Hex(DA4742) contains.

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Color

Hex(DA4742)

Conversions

Conversions Part 1

Format	Color
Hex	DA4742
RGB	218, 71, 66
RGB Percent	85%, 28%, 26%
CMY	0.1451, 0.7216, 0.7412
CMYK	0.00, 0.67, 0.70, 0.15
HSL	2°, 67%, 56%
HSV	2°, 70%, 85%
XYZ	32.1500, 19.8053, 7.2826
YIQ	114.3830, 89.2170, 29.6090

Conversions

Conversions Part 2

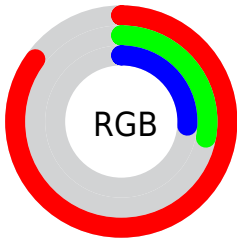
Format	Color
RYB	218, 71, 66
Decimal	14305090
CIELab	51.62, 56.93, 35.40
CIELCh	52, 67.035, 31.871
Yxy	19.8053, 0.5427, 0.3343
Android (android.graphics.Color)	4292495170 (0xFFDA4742)
YUV	114.3830, -23.8528, 90.8721
Hunter-Lab	44.5031, 51.0721, 21.4499

Details

The Hex color **DA4742** 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 **42D5DA**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FF7F72**, and **9C0016** is the 20% darker color. If you saturate the color by 10%, you get **DA322C**, and if you desaturate by 10%, it is **DA5C58**.

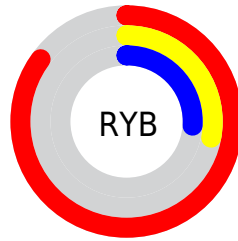
Distribution



Red (85%)

Green (28%)

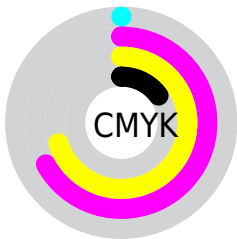
Blue (26%)



Red (85%)

Yellow (28%)

Blue (26%)

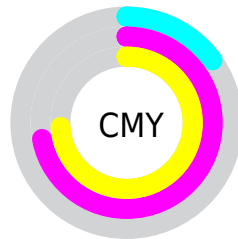


Cyan (0%)

Magenta (67%)

Yellow (70%)

Black (15%)



Cyan (15%)

Magenta (72%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color DA4742 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 DA4742 by changing the saturation by 10% instead.

 DA4742

 DA4742

FFFFFF

 BB292B

 FF7F72

 9C0016

 FF9B8C

 7D0000

 FFB7A7

 5F0000

 FFD4C2

 420002

 FFF2DE

 230001

 FFFFFA

 000000

 DA4742

 DA4742

 DA322C

 DA5C58

 DA1D16

 DA716E

 DA0801

 DA8683

 DA0700

 DA9B99

 DAB0AF

 DAC5C5

 DADBDB

 DAF0F0

 DAFFFF

Harmonies

Analogous

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



DE397A



DA4742



BE6304

Triad

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



DA4742



009141



0081EF

Complementary

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



DA4742



42D5DA

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.



008FE0



DA4742



00947D

Square

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



DA4742



578900



0094B6



7C6ADD

Rectangle

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



DA4742



A17300



0094B6



0087ED

Sweetspot

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



DA4742



FFCBC9



DA42D7



806160



000000



808080

Same Dimension

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



DA4742



FF3029



DA9142



6E6363



AD0600



2E0200

Inverse Universe

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



42D5DA



29F8FF



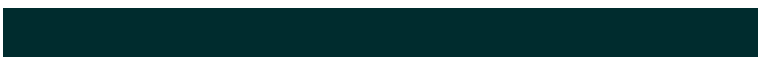
428BDA



636D6E



00A8AD



002C2E

Previews

White Background



This preview shows how the Hex color DA4742 looks on a white background.

Color Contrast Check

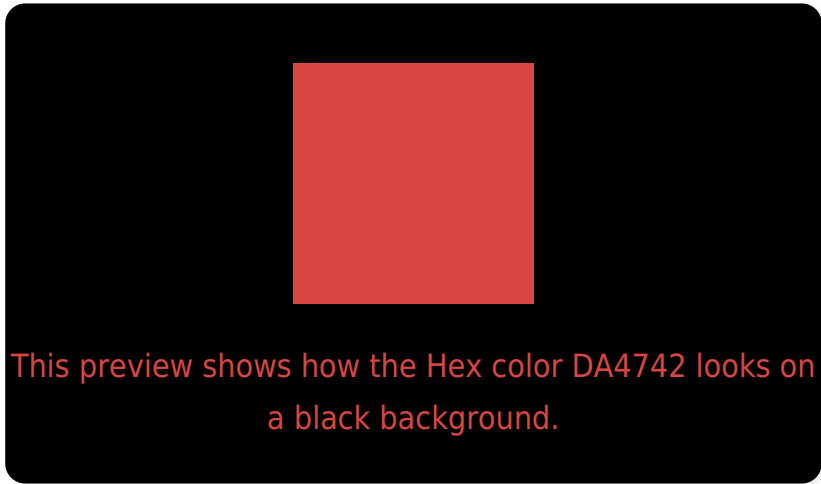
Large Text (above 18pt) WCAG AA ✓ Pass

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 DA4742 Background



This preview shows how black text looks on a background with the Hex color DA4742.



This preview shows how white text looks on a background with the Hex color DA4742.

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
DA4742

Protanopia
867C55

Deuteranopia
99763A

Trichromacy



Original Color
DA4742

Protanomaly
A5694E

Deuteranomaly
B1653D

Tritanomaly
DA4647

Monochromacy



Original Color
DA4742

Achromatopsia
727272

Achromatomaly
986261

CSS Examples

Text

The CSS property to change the color of the text to Hex DA4742 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 #DA4742 looks like.

```
.text, #text, p{  
    color:#DA4742  
}
```

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 #DA4742 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA4742
}
```

Border

The CSS property to change the border of an element to Hex DA4742 is called "border". The border property can be set on classes, ids or directly on the HTML element.

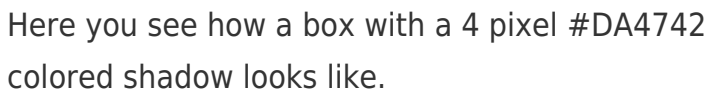
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DA4742 }
```

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

```
.border{ border-color:#DA4742 }
```

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



Here you see how a box with a 4 pixel #DA4742 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA4742; -webkit-box-shadow:4px 4px  
4px 4px #DA4742; box-shadow:4px 4px 4px  
4px #DA4742 }
```

Background

The CSS property to change the background color of an element to Hex DA4742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA4742 }
```

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

```
.background{ background-color:#DA4742 }
```

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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