

Converting Colors

Hex(DA4C2A)

Have a look what the booklet for
Hex(DA4C2A) contains.

Hex(DA4C2A)	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(DA4C2A)

Conversions

Conversions Part 1

Format	Color
Hex	DA4C2A
RGB	218, 76, 42
RGB Percent	85%, 30%, 16%
CMY	0.1451, 0.7020, 0.8353
CMYK	0.00, 0.65, 0.81, 0.15
HSL	12°, 70%, 51%
HSV	12°, 81%, 85%
XYZ	31.9158, 20.2415, 4.4153
YIQ	114.5820, 95.5460, 19.5300

Conversions

Conversions Part 2

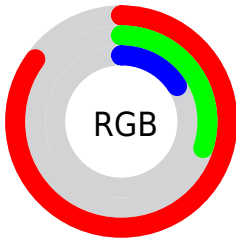
Format	Color
R _Y B	218, 84, 42
Decimal	14306346
CIE Lab	52.11, 53.96, 48.72
CIE LCh	52, 72.696, 42.079
Yxy	20.2415, 0.5642, 0.3578
Android (android.graphics.Color)	4292496426 (0xFFDA4C2A)
YUV	114.5820, -35.7829, 90.6976
Hunter-Lab	44.9905, 47.8926, 25.6747

Details

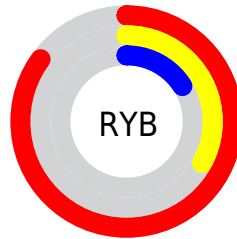
The Hex color **DA4C2A** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **2AB8DA**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FF835A**, and **9B0800** is the 20% darker color. If you saturate the color by 10%, you get **DA3A14**, and if you desaturate by 10%, it is **DA5E40**.

Distribution



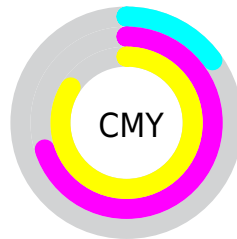
- Red (85%)
- Green (30%)
- Blue (16%)



- Red (85%)
- Yellow (33%)
- Blue (16%)



- Cyan (0%)
- Magenta (65%)
- Yellow (81%)
- Black (15%)



- Cyan (15%)
- Magenta (70%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color DA4C2A 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 DA4C2A by changing the saturation by 10% instead.

 DA4C2A

 DA4C2A

FFFFFF

 BA2F12

 FF835A

 9B0800

 FF9F74

 7C0000

 FFBB8E

 5D0000

 FFD8A9

 410002

 FFF5C4

 220001

 FFFFEO

 000000

 FFFFFD

 DA4C2A

 DA4C2A

■ DA3A14

■ DA5E40

■ DA2A00

■ DA6F56

■ DA816B

■ DA9281

■ DAA497

■ DAB6AD

■ DAC7C3

■ DAD9D8

■ DAEAEE

Harmonies

Analogous

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



E92F66



DA4C2A



B46B00

Triad

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



DA4C2A



009553



007CF8

Complementary

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



DA4C2A



2AB8DA

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.



008EF4



DA4C2A



009895

Square

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



DA4C2A



338F06



0096CF



9D5EDA

Rectangle

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



DA4C2A



927B00



0096CF



0083FA

Sweetspot

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



DA4C2A



FFCEC2



DA2ABA



80625B



000000



808080

Same Dimension

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



DA4C2A



FF3708



DAA22A



6E6563



AD2100



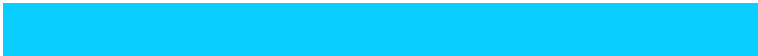
2E0900

Inverse Universe

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



2AB8DA



08CFFF



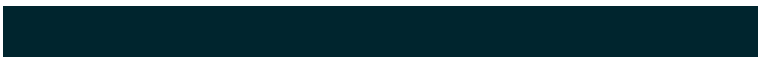
2A62DA



636C6E



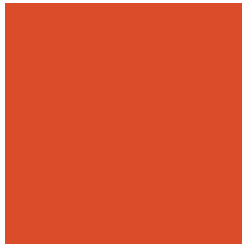
008CAD



00252E

Previews

White Background



This preview shows how the Hex color DA4C2A looks on a white background.

Color Contrast Check

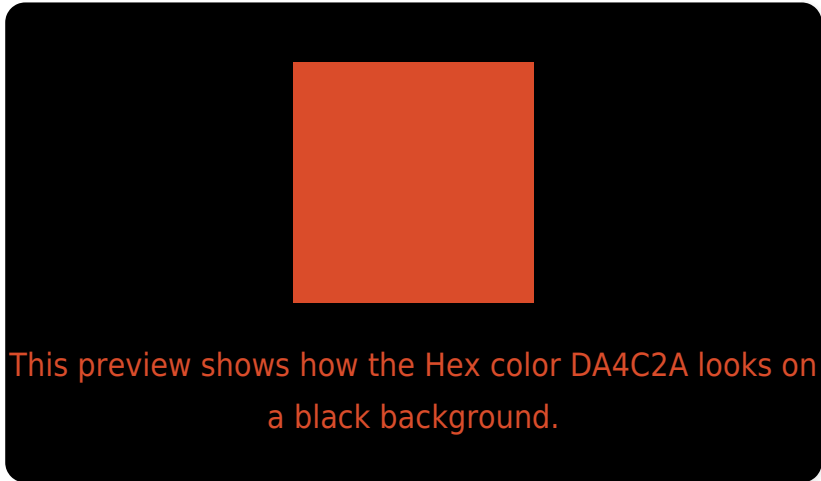
Large Text (above 18pt) WCAG AA ✓ Pass

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 DA4C2A Background



This preview shows how black text looks on a background with the Hex color DA4C2A.



This preview shows how white text looks on a background with the Hex color DA4C2A.

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
DA4C2A

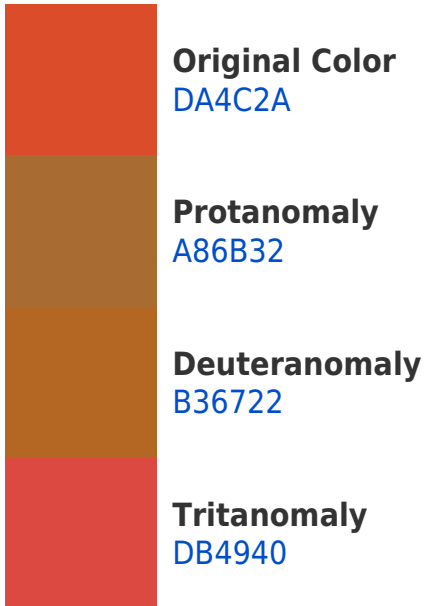
Protanopia
8B7D37

Deuteranopia
9D761D



Tritanopia
DB484C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DA4C2A 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 #DA4C2A looks like.

```
.text, #text, p{  
    color:#DA4C2A  
}
```

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 #DA4C2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA4C2A
}
```

Border

The CSS property to change the border of an element to Hex DA4C2A 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
#DA4C2A }
```

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

```
.border{ border-color:#DA4C2A }
```

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

Here you see how a box with a 4 pixel #DA4C2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA4C2A; -webkit-box-shadow:4px 4px  
4px 4px #DA4C2A; box-shadow:4px 4px 4px  
4px #DA4C2A }
```

Background

The CSS property to change the background color of an element to Hex DA4C2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA4C2A }
```

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

```
.background{ background-color:#DA4C2A }
```

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