

Converting Colors

Hex(D42A2A)

Have a look what the booklet for
Hex(D42A2A) contains.

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Color

Hex(D42A2A)

Conversions

Conversions Part 1

Format	Color
Hex	D42A2A
RGB	212, 42, 42
RGB Percent	83%, 16%, 16%
CMY	0.1686, 0.8353, 0.8353
CMYK	0.00, 0.80, 0.80, 0.17
HSL	0°, 67%, 50%
HSV	0°, 80%, 83%
XYZ	28.3973, 15.8201, 3.7474
YIQ	92.8300, 101.3200, 36.0400

Conversions

Conversions Part 2

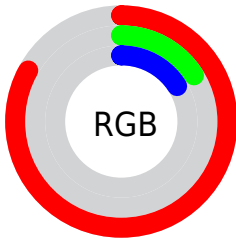
Format	Color
RYB	212, 42, 42
Decimal	13904426
CIELab	46.74, 63.84, 43.11
CIElCh	47, 77.032, 34.033
Yxy	15.8201, 0.5920, 0.3298
Android (android.graphics.Color)	4292094506 (0xFFD42A2A)
YUV	92.8300, -25.0592, 104.5121
Hunter-Lab	39.7745, 57.8356, 22.2561

Details

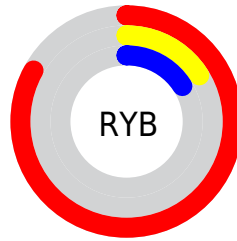
The Hex color **D42A2A** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **2AD4D4**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **FF6859**, and **940000** is the 20% darker color. If you saturate the color by 10%, you get **D41515**, and if you desaturate by 10%, it is **D43F3F**.

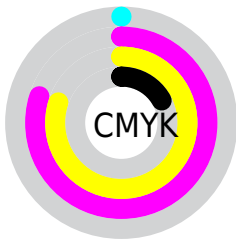
Distribution



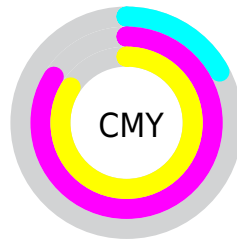
- Red (83%)
- Green (16%)
- Blue (16%)



- Red (83%)
- Yellow (16%)
- Blue (16%)



- Cyan (0%)
- Magenta (80%)
- Yellow (80%)
- Black (17%)



- Cyan (17%)
- Magenta (84%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color D42A2A 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 D42A2A by changing the saturation by 10% instead.

 D42A2A

 D42A2A

FFFFFF

 B40014

 FF6859

 940000

 FF8572

 750000

 FFA18B

 560001

 FFBEA6

 390002

 FFDCC1

 100000

 FFF9DD

 000000

 FFFFFA

 D42A2A

 D42A2A

 D41515

 D43F3F

 D40000

 D45454

 D46A6A

 D47F7F

 D49494

 D4A9A9

 D4BEBE

 D4D4D4

 D4E9E9

Harmonies

Analogous

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



DC0069



D42A2A



B25500

Triad

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



D42A2A



008631



0075F2

Complementary

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



D42A2A



2AD4D4

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.



0084E4



D42A2A



008976

Square

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



D42A2A



397F00



0089B6



7358DC

Rectangle

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



D42A2A



926800



0089B6



007BF1

Sweetspot

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



D42A2A



FFC2C2



D42AD4



805B5B



000000



808080

Same Dimension

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



D42A2A



FF0A0A



D47F2A



6B6060



AB0000



2B0000

Inverse Universe

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



2AD4D4



0AFFFF



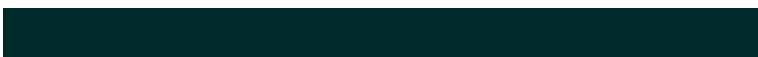
2A7FD4



606B6B



00ABAB



002B2B

Previews

White Background



This preview shows how the Hex color D42A2A looks on a white background.

Color Contrast Check

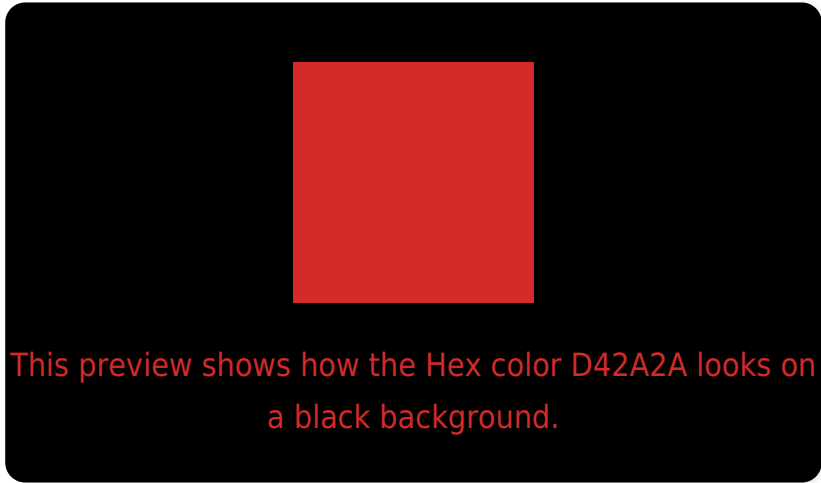
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex D42A2A Background



This preview shows how black text looks on a background with the Hex color D42A2A.



This preview shows how white text looks on a background with the Hex color D42A2A.

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
D42A2A

Protanopia
7B703D

Deuteranopia
8C6A1B



Tritanopia
D42A2A

Trichromacy



Original Color
D42A2A

Protanomaly
9B5736

Deuteranomaly
A65320

Tritanomaly
D42A2A

Monochromacy



Original Color
D42A2A

Achromatopsia
5D5D5D

Achromatomaly
884A4A

CSS Examples

Text

The CSS property to change the color of the text to Hex D42A2A 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 #D42A2A looks like.

```
.text, #text, p{  
    color:#D42A2A  
}
```

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 #D42A2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D42A2A
}
```

Border

The CSS property to change the border of an element to Hex D42A2A is called "border". The border property can be set on classes, ids or directly on the HTML element.

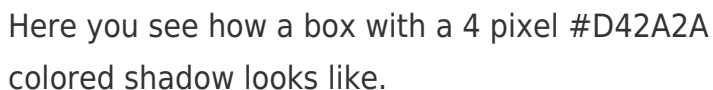
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D42A2A }
```

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

```
.border{ border-color:#D42A2A }
```

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



Here you see how a box with a 4 pixel #D42A2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D42A2A; -webkit-box-shadow:4px 4px  
4px 4px #D42A2A; box-shadow:4px 4px 4px  
4px #D42A2A }
```

Background

The CSS property to change the background color of an element to Hex D42A2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D42A2A }
```

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

```
.background{ background-color:#D42A2A }
```

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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