

Converting Colors

Hex(D32D2A)

Have a look what the booklet for
Hex(D32D2A) contains.

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Color

Hex(D32D2A)

Conversions

Conversions Part 1

Format	Color
Hex	D32D2A
RGB	211, 45, 42
RGB Percent	83%, 18%, 16%
CMY	0.1725, 0.8235, 0.8353
CMYK	0.00, 0.79, 0.80, 0.17
HSL	1°, 67%, 50%
HSV	1°, 80%, 83%
XYZ	28.2203, 15.8928, 3.7707
YIQ	94.2920, 99.8990, 34.2590

Conversions

Conversions Part 2

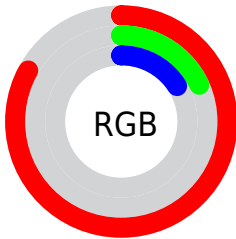
Format	Color
RYB	211, 45, 42
Decimal	13839658
CIELab	46.83, 62.73, 43.14
CIElCh	47, 76.133, 34.519
Yxy	15.8928, 0.5893, 0.3319
Android (android.graphics.Color)	4292029738 (0xFFD32D2A)
YUV	94.2920, -25.7800, 102.3529
Hunter-Lab	39.8658, 56.5917, 22.2981

Details

The Hex color **D32D2A** 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 **2AD0D3**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **FF6A59**, and **940000** is the 20% darker color. If you saturate the color by 10%, you get **D31815**, and if you desaturate by 10%, it is **D3423F**.

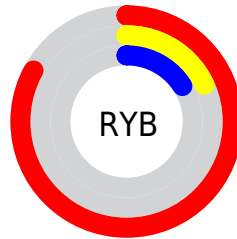
Distribution



Red (83%)

Green (18%)

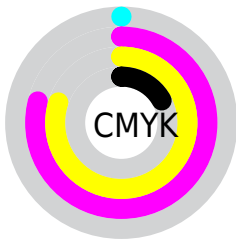
Blue (16%)



Red (83%)

Yellow (18%)

Blue (16%)

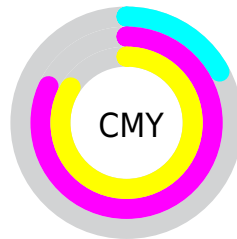


Cyan (0%)

Magenta (79%)

Yellow (80%)

Black (17%)



Cyan (17%)

Magenta (82%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color D32D2A 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 D32D2A by changing the saturation by 10% instead.

 D32D2A

 D32D2A

FFFFFF

 B30014

 FF6A59

 940000

 FF8672

 740000

 FFA38B

 550001

 FFC0A6

 390002

 FFDDC1

 0F0000

 FFFBDD

 000000

 FFFFFA

 D32D2A

 D32D2A

 D31815

 D3423F

 D30400

 D35654

 D36B69

 D3807E

 D39593

 D3A9A9

 D3BEBE

 D3D3D3

 D3E8E8

Harmonies

Analogous

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



DB0068



D32D2A



B15600

Triad

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



D32D2A



008633



0075F1

Complementary

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



D32D2A



2AD0D3

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.



0084E3



D32D2A



008977

Square

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



D32D2A



387F00



0089B7



7558DA

Rectangle

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



D32D2A



916800



0089B7



007BF0

Sweetspot

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



D32D2A



FFC3C2



D32AD0



805B5B



000000



808080

Same Dimension

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



D32D2A



FF0F0A



D3812A



695E5E



A80300



290100

Inverse Universe

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



2AD0D3



0AFBFF



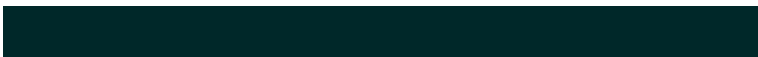
2A7CD3



5E6869



00A5A8



002829

Previews

White Background



This preview shows how the Hex color D32D2A looks on a white background.

Color Contrast Check

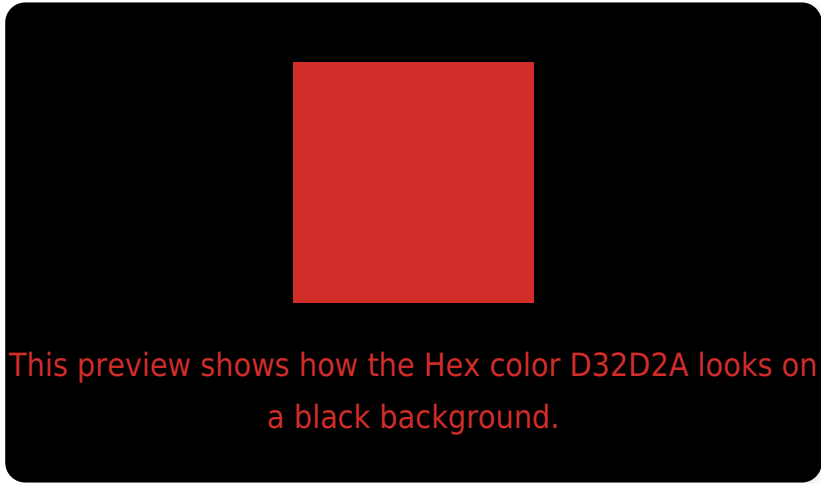
Large Text (above 18pt) WCAG AA ✓ Pass

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 D32D2A Background



This preview shows how black text looks on a background with the Hex color D32D2A.



This preview shows how white text looks on a background with the Hex color D32D2A.

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
D32D2A

Protanopia
7B703D

Deuteranopia
8D6A1B



Tritanopia
D32D2D

Trichromacy



Original Color
D32D2A

Protanomaly
9B5836

Deuteranomaly
A65420

Tritanomaly
D32D2C

Monochromacy



Original Color
D32D2A

Achromatopsia
5E5E5E

Achromatomaly
894C4B

CSS Examples

Text

The CSS property to change the color of the text to Hex D32D2A 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 #D32D2A looks like.

```
.text, #text, p{  
    color:#D32D2A  
}
```

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 #D32D2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D32D2A
}
```

Border

The CSS property to change the border of an element to Hex D32D2A is called "border". The border property can be set on classes, ids or directly on the HTML element.

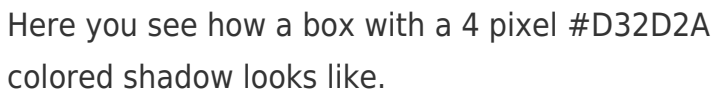
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D32D2A }
```

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

```
.border{ border-color:#D32D2A }
```

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



Here you see how a box with a 4 pixel #D32D2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D32D2A; -webkit-box-shadow:4px 4px  
4px 4px #D32D2A; box-shadow:4px 4px 4px  
4px #D32D2A }
```

Background

The CSS property to change the background color of an element to Hex D32D2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D32D2A }
```

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

```
.background{ background-color:#D32D2A }
```

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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