

Converting Colors

Hex(D32321)

Have a look what the booklet for
Hex(D32321) contains.

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Color

Hex(D32321)

Conversions

Conversions Part 1

Format	Color
Hex	D32321
RGB	211, 35, 33
RGB Percent	83%, 14%, 13%
CMY	0.1725, 0.8627, 0.8706
CMYK	0.00, 0.83, 0.84, 0.17
HSL	1°, 73%, 48%
HSV	1°, 84%, 83%
XYZ	27.7395, 15.1608, 2.9031
YIQ	87.3960, 105.5380, 36.6900

Conversions

Conversions Part 2

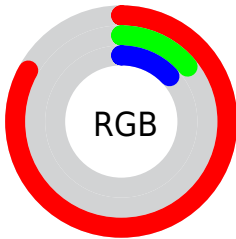
Format	Color
RYB	211, 35, 33
Decimal	13837089
CIELab	45.85, 65.05, 46.89
CIElCh	46, 80.189, 35.789
Yxy	15.1608, 0.6056, 0.3310
Android (android.graphics.Color)	4292027169 (0xFFD32321)
YUV	87.3960, -26.8172, 108.4007
Hunter-Lab	38.9368, 59.0282, 22.8351

Details

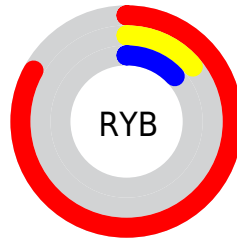
The Hex color **D32321** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **21D1D3**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **FF6450**, and **930000** is the 20% darker color. If you saturate the color by 10%, you get **D30E0C**, and if you desaturate by 10%, it is **D33836**.

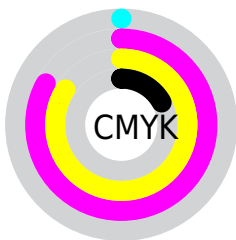
Distribution



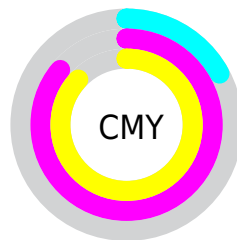
- Red (83%)
- Green (14%)
- Blue (13%)



- Red (83%)
- Yellow (14%)
- Blue (13%)



- Cyan (0%)
- Magenta (83%)
- Yellow (84%)
- Black (17%)



- Cyan (17%)
- Magenta (86%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color D32321 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 D32321 by changing the saturation by 10% instead.

 D32321

 D32321

FFFFFF

 B3000A

 FF6450

 930000

 FF8068

 730000

 FF9D82

 540001

 FFBA9C

 370002

 FFD8B7

 0B0000

 FFF5D3

 000000

 FFFFF0

 D32321

 D32321

 D30E0C

 D33836

 D30200

 D34D4B

 D36260

 D37675

 D38B8B

 D3A0A0

 D3B5B5

 D3CACA

 D3DFDF

Harmonies

Analogous

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



DD0063



D32321



AF5300

Triad

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



D32321



008530



0072F5

Complementary

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



D32321



21D1D3

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.



0082E8



D32321



008878

Square

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



D32321



2A7D00



0088BA



7653DB

Rectangle

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



D32321



8D6700



0088BA



0079F5

Sweetspot

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



D32321



FFC0BF



D321D3



805A59



000000



808080

Same Dimension

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



D32321



FF0300



D37A21



695E5E



A80200



290000

Inverse Universe

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



21D1D3



00FCFF



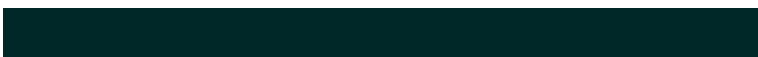
217AD3



5E6869



00A6A8



002829

Previews

White Background



This preview shows how the Hex color D32321 looks on a white background.

Color Contrast Check

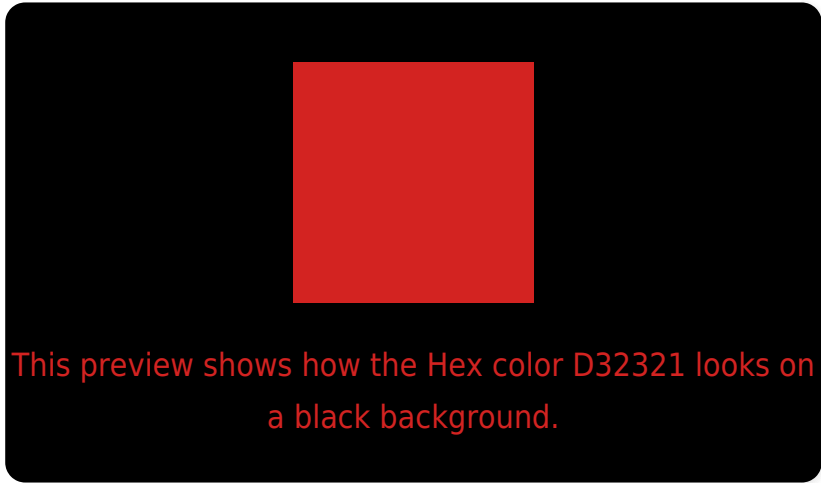
Large Text (above 18pt) WCAG AA ✓ Pass

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 D32321 Background



This preview shows how black text looks on a background with the Hex color D32321.



This preview shows how white text looks on a background with the Hex color D32321.

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
D32321

Protanopia
7A6E33

Deuteranopia
8B6802



Tritanopia
D32321

Trichromacy



Original Color
D32321

Protanomaly
9A532C

Deuteranomaly
A54F0D

Tritanomaly
D32321

Monochromacy



Original Color
D32321

Achromatopsia
575757

Achromatomaly
844443

CSS Examples

Text

The CSS property to change the color of the text to Hex D32321 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 #D32321 looks like.

```
.text, #text, p{  
    color:#D32321  
}
```

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 #D32321 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D32321
}
```

Border

The CSS property to change the border of an element to Hex D32321 is called "border". The border property can be set on classes, ids or directly on the HTML element.

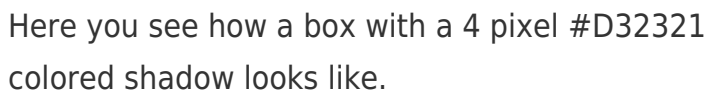
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D32321 }
```

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

```
.border{ border-color:#D32321 }
```

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



Here you see how a box with a 4 pixel #D32321 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D32321; -webkit-box-shadow:4px 4px  
4px 4px #D32321; box-shadow:4px 4px 4px  
4px #D32321 }
```

Background

The CSS property to change the background color of an element to Hex D32321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D32321 }
```

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

```
.background{ background-color:#D32321 }
```

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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