

Converting Colors

Hex(D40832)

Have a look what the booklet for
Hex(D40832) contains.

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Color

Hex(D40832)

Conversions

Conversions Part 1

Format	Color
Hex	D40832
RGB	212, 8, 50
RGB Percent	83%, 3%, 20%
CMY	0.1686, 0.9686, 0.8039
CMYK	0.00, 0.96, 0.76, 0.17
HSL	348°, 93%, 43%
HSV	348°, 96%, 83%
XYZ	27.8139, 14.4010, 4.3313
YIQ	73.7840, 108.1020, 56.3100

Conversions

Conversions Part 2

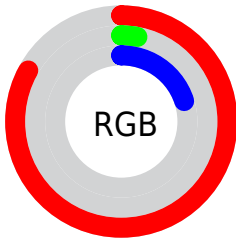
Format	Color
RYB	212, 8, 50
Decimal	13895730
CIELab	44.80, 69.87, 36.56
CIElCh	45, 78.860, 27.619
Yxy	14.4010, 0.5976, 0.3094
Android (android.graphics.Color)	4292085810 (0xFFD40832)
YUV	73.7840, -11.7255, 121.2154
Hunter-Lab	37.9487, 64.4189, 19.7969

Details

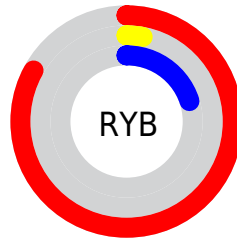
The Hex color **D40832** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **08D4AA**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **FF5A60**, and **940007** is the 20% darker color. If you saturate the color by 10%, you get **D4002C**, and if you desaturate by 10%, it is **D41D43**.

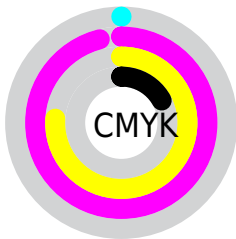
Distribution



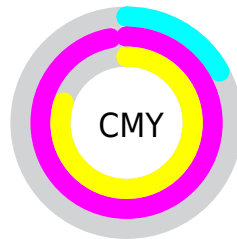
- Red (83%)
- Green (3%)
- Blue (20%)



- Red (83%)
- Yellow (3%)
- Blue (20%)



- Cyan (0%)
- Magenta (96%)
- Yellow (76%)
- Black (17%)



- Cyan (17%)
- Magenta (97%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color D40832 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 D40832 by changing the saturation by 10% instead.

 D40832

 D40832

FFFFFF

 B4001D

 FF5A60

 940007

 FF7879

 750000

 FF9593

 550002

 FFB2AE

 380002

 FFD0C9

 0B0000

 FFEEE5

 000000

 D40832

 D40832

 D4002C

 D41D43

 D43254

 D44865

 D45D75

 D47286

 D48797

 D49CA8

 D4B2B9

 D4C7CA

Harmonies

Analogous

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



D50072



D40832



B64700

Triad

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



D40832



008018



0075F0

Complementary

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



D40832



08D4AA

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.



0081DA



D40832



008463

Square

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



D40832



457700



0085A6



4C5BE0

Rectangle

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



D40832



985D00



0085A6



007AEC

Sweetspot

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



D40832



FFB5C4



A808D4



80535C



000000



808080

Same Dimension

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



D40832



FF0035



D44208



6B6063



AB0023



2B0009

Inverse Universe

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



D40832



FF0035



089AD4



6B6063



AB0023



2B0009

Previews

White Background



This preview shows how the Hex color D40832 looks on a white background.

Color Contrast Check

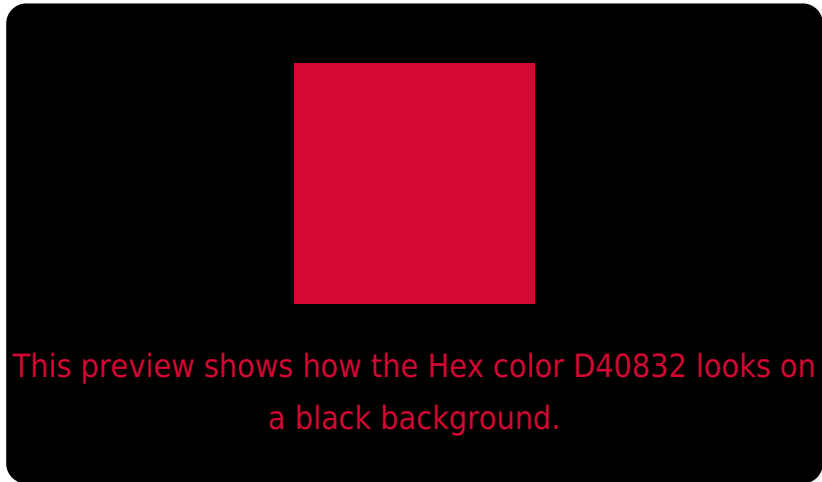
Large Text (above 18pt) WCAG AA ✓ Pass

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 D40832 Background



This preview shows how black text looks on a background with the Hex color D40832.



This preview shows how white text looks on a background with the Hex color D40832.

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
D40832

Protanopia
746C4C

Deuteranopia
876625



Tritanopia
D3160E

Trichromacy



Original Color
D40832



Protanomaly
974843



Deuteranomaly
A3442A



Tritanomaly
D3111B

Monochromacy



Original Color
D40832



Achromatopsia
4A4A4A



Achromatomaly
7C3241

CSS Examples

Text

The CSS property to change the color of the text to Hex D40832 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 #D40832 looks like.

```
.text, #text, p{  
    color:#D40832  
}
```

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 #D40832 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D40832
}
```

Border

The CSS property to change the border of an element to Hex D40832 is called "border". The border property can be set on classes, ids or directly on the HTML element.

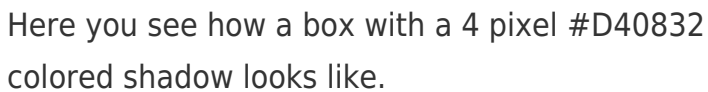
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D40832 }
```

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

```
.border{ border-color:#D40832 }
```

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



Here you see how a box with a 4 pixel #D40832 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D40832; -webkit-box-shadow:4px 4px  
4px 4px #D40832; box-shadow:4px 4px 4px  
4px #D40832 }
```

Background

The CSS property to change the background color of an element to Hex D40832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D40832 }
```

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

```
.background{ background-color:#D40832 }
```

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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