

Converting Colors

Hex(D40038)

Have a look what the booklet for
Hex(D40038) contains.

Hex(D40038)	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(D40038)

Conversions

Conversions Part 1

Format	Color
Hex	D40038
RGB	212, 0, 56
RGB Percent	83%, 0%, 22%
CMY	0.1686, 1.0000, 0.7804
CMYK	0.00, 1.00, 0.74, 0.17
HSL	344°, 100%, 42%
HSV	344°, 100%, 83%
XYZ	27.8652, 14.2826, 5.0295
YIQ	69.7720, 108.3760, 62.3600

Conversions

Conversions Part 2

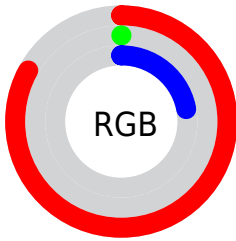
Format	Color
RYB	212, 0, 56
Decimal	13893688
CIELab	44.64, 70.80, 32.78
CIELCh	45, 78.020, 24.847
Yxy	14.2826, 0.5906, 0.3027
Android (android.graphics.Color)	4292083768 (0xFFD40038)
YUV	69.7720, -6.7896, 124.7340
Hunter-Lab	37.7923, 65.4759, 18.5641

Details

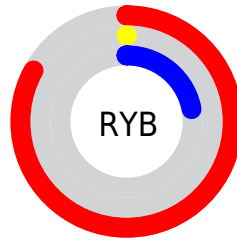
The Hex color **D40038** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **00D49C**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **FF5867**, and **94000F** is the 20% darker color. If you saturate the color by 10%, you get **D40038**, and if you desaturate by 10%, it is **D41548**.

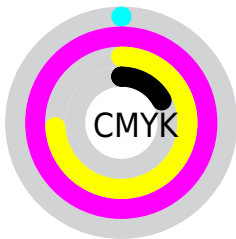
Distribution



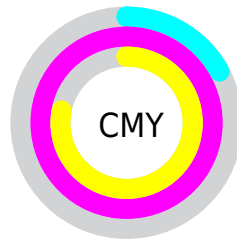
- Red (83%)
- Green (0%)
- Blue (22%)



- Red (83%)
- Yellow (0%)
- Blue (22%)



- Cyan (0%)
- Magenta (100%)
- Yellow (74%)
- Black (17%)



- Cyan (17%)
- Magenta (100%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color D40038 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 D40038 by changing the saturation by 10% instead.

 D40038

 D40038

FFFFFF

 B40023

 FF5867

 94000F

 FF7680

 750000

 FF949A

 560002

 FFB1B5

 380002

 FFCFD0

 0C0000

 FFEDEC

 000000

 D40038

 D41548

 D42A57

 D44067

 D45576

 D46A86

 D47F96

 D494A5

 D4AAB5

 D4BFC4

Harmonies

Analogous

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



D20078



D40038



B94300

Triad

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



D40038



007F0F



0076ED

Complementary

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



D40038



00D49C

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.



0081D4



D40038



00835C

Square

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



D40038



4C7600



00849F



3A5EE2

Rectangle

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



D40038



9C5A00



00849F



007BE9

Sweetspot

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



D40038



FFB3C7



9B00D4



80525E



000000



808080

Same Dimension

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



D40038



FF0043



D43100



6B6063



AB002D



2B000B

Inverse Universe

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



D40038



FF0043



00A3D4



6B6063



AB002D



2B000B

Previews

White Background



This preview shows how the Hex color D40038 looks on a white background.

Color Contrast Check

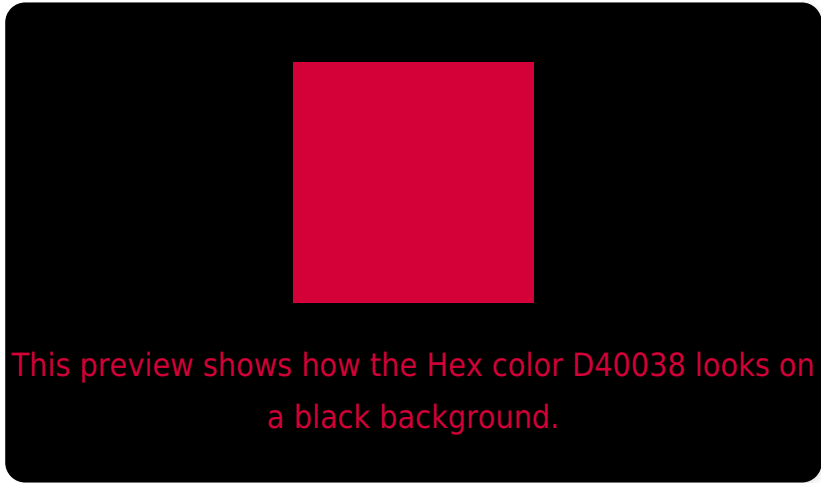
Large Text (above 18pt) WCAG AA ✓ Pass

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 D40038 Background



This preview shows how black text looks on a background with the Hex color D40038.



This preview shows how white text looks on a background with the Hex color D40038.

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
D40038

Protanopia
736C54

Deuteranopia
86662D



Tritanopia
D31710

Trichromacy



Original Color
D40038



Protanomaly
96454A



Deuteranomaly
A24131



Tritanomaly
D30F1F

Monochromacy



Original Color
D40038



Achromatopsia
464646



Achromatomaly
7A2D41

CSS Examples

Text

The CSS property to change the color of the text to Hex D40038 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 #D40038 looks like.

```
.text, #text, p{  
    color:#D40038  
}
```

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 #D40038 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D40038
}
```

Border

The CSS property to change the border of an element to Hex D40038 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".

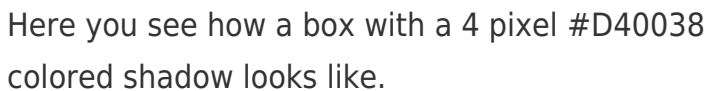
```
.border, #border, table{ border:4px solid
#D40038 }
```

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

```
.border{ border-color:#D40038 }
```

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

Here you see how a box with a 4 pixel #D40038 colored shadow looks like.

A rectangular box with a thick red border and a red drop shadow. The box is white and contains the text 'Here you see how a box with a 4 pixel #D40038 colored shadow looks like.' The shadow is cast to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D40038; -webkit-box-shadow:4px 4px  
4px 4px #D40038; box-shadow:4px 4px 4px  
4px #D40038 }
```

Background

The CSS property to change the background color of an element to Hex D40038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D40038 }
```

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

```
.background{ background-color:#D40038 }
```

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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