

Converting Colors

Hex(D40026)

Have a look what the booklet for
Hex(D40026) contains.

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Color

Hex(D40026)

Conversions

Conversions Part 1

Format	Color
Hex	D40026
RGB	212, 0, 38
RGB Percent	83%, 0%, 15%
CMY	0.1686, 1.0000, 0.8510
CMYK	0.00, 1.00, 0.82, 0.17
HSL	349°, 100%, 42%
HSV	349°, 100%, 83%
XYZ	27.5012, 14.1370, 3.1130
YIQ	67.7200, 114.1540, 56.7620

Conversions

Conversions Part 2

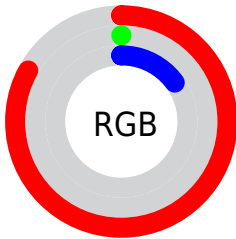
Format	Color
R_{YB}	212, 0, 38
Decimal	13893670
CIE Lab	44.43, 70.24, 43.03
CIE LCh	44, 82.371, 31.495
Yxy	14.1370, 0.6145, 0.3159
Android (android.graphics.Color)	4292083750 (0xFFD40026)
YUV	67.7200, -14.6520, 126.5336
Hunter-Lab	37.5992, 64.7619, 21.4106

Details

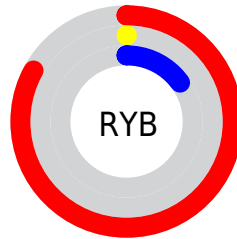
The Hex color **D40026** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **00D4AE**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **FF5754**, and **940000** is the 20% darker color. If you saturate the color by 10%, you get **D40026**, and if you desaturate by 10%, it is **D41537**.

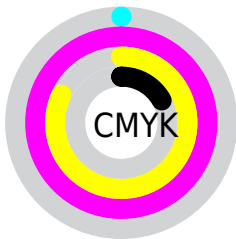
Distribution



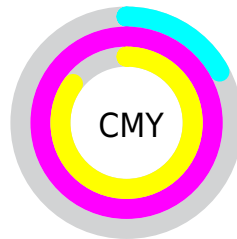
- Red (83%)
- Green (0%)
- Blue (15%)



- Red (83%)
- Yellow (0%)
- Blue (15%)



- Cyan (0%)
- Magenta (100%)
- Yellow (82%)
- Black (17%)



- Cyan (17%)
- Magenta (100%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color D40026 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 D40026 by changing the saturation by 10% instead.

 D40026

 D40026

FFFFFFF

 B40011

 FF5754

 940000

 FF766D

 740000

 FF9386

 550002

 FFB0A0

 370002

 FFCEBC

 080000

 FFECD7

 000000

 FFFFF4

 D40026

 D41537

 D42A49

 D4405A

 D4556C

 D46A7D

 D47F8E

 D494A0

 D4AAB1

 D4BFC3

Harmonies

Analogous

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



DA0069



D40026



B24900

Triad

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



D40026



00811E



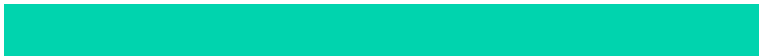
0072F5

Complementary

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



D40026



00D4AE

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.



0080E3



D40026



00846B

Square

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



D40026



347900



0084B0



5E54E0

Rectangle

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



D40026



916000



0084B0



0078F3

Sweetspot

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



D40026



FFB3C0



AD00D4



80525A



000000



808080

Same Dimension

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



D40026



FF002E



D44300



6B6062



AB001F



2B0008

Inverse Universe

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



D40026



FF002E



0091D4



6B6062



AB001F



2B0008

Previews

White Background



This preview shows how the Hex color D40026 looks on a white background.

Color Contrast Check

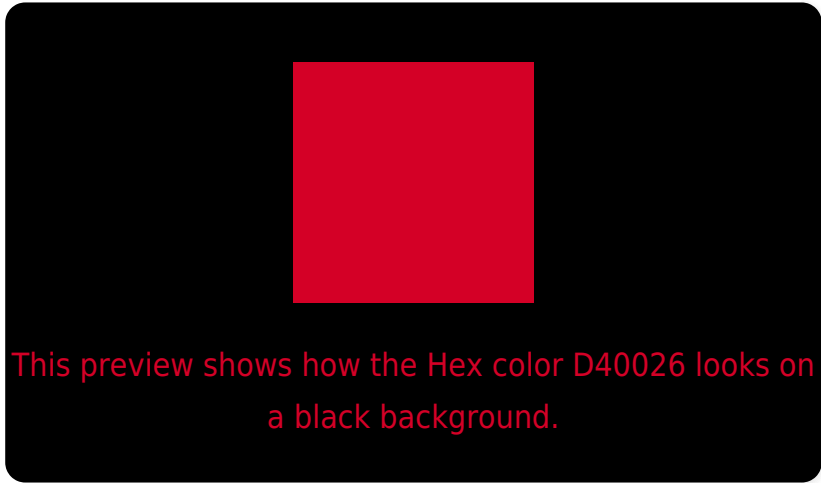
Large Text (above 18pt) WCAG AA ✓ Pass

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 D40026 Background



This preview shows how black text looks on a background with the Hex color D40026.



This preview shows how white text looks on a background with the Hex color D40026.

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
D40026

Protanopia
766B3C

Deuteranopia
876613



Tritanopia
D31300

Trichromacy



Original Color
D40026



Protanomaly
984434



Deuteranomaly
A3411A



Tritanomaly
D30C0E

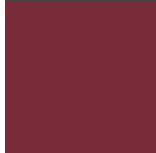
Monochromacy



Original Color
D40026



Achromatopsia
444444



Achromatomaly
782B39

CSS Examples

Text

The CSS property to change the color of the text to Hex D40026 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 #D40026 looks like.

```
.text, #text, p{  
    color:#D40026  
}
```

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 #D40026 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D40026
}
```

Border

The CSS property to change the border of an element to Hex D40026 is called "border". The border property can be set on classes, ids or directly on the HTML element.

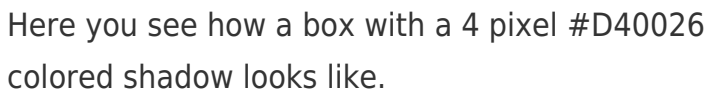
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D40026 }
```

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

```
.border{ border-color:#D40026 }
```

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



Here you see how a box with a 4 pixel #D40026 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D40026; -webkit-box-shadow:4px 4px  
4px 4px #D40026; box-shadow:4px 4px 4px  
4px #D40026 }
```

Background

The CSS property to change the background color of an element to Hex D40026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D40026 }
```

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

```
.background{ background-color:#D40026 }
```

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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