

# Converting Colors

Hex(D1003C)

Have a look what the booklet for  
Hex(D1003C) contains.

<b>Hex(D1003C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(D1003C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D1003C
RGB	209, 0, 60
RGB Percent	82%, 0%, 24%
CMY	0.1804, 1.0000, 0.7647
CMYK	0.00, 1.00, 0.71, 0.18
HSL	343°, 100%, 41%
HSV	343°, 100%, 82%
XYZ	27.1101, 13.8816, 5.5255
YIQ	69.3310, 105.3040, 62.9680

# Conversions

## Conversions Part 2

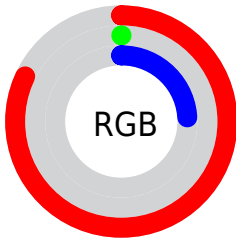
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	209, 0, 60
Decimal	13697084
CIE Lab	44.06, 70.24, 29.51
CIE LCh	44, 76.187, 22.789
Yxy	13.8816, 0.5828, 0.2984
Android (android.graphics.Color)	4291887164 (0xFFD1003C)
YUV	69.3310, -4.6002, 122.4897
Hunter-Lab	37.2580, 64.6810, 17.2876

# Details

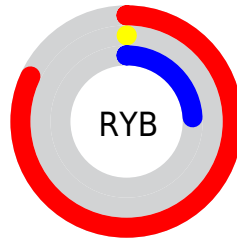
The Hex color **D1003C** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **00D195**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **FF576B**, and **920013** is the 20% darker color. If you saturate the color by 10%, you get **D1003C**, and if you desaturate by 10%, it is **D1154B**.

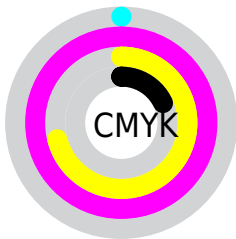
# Distribution



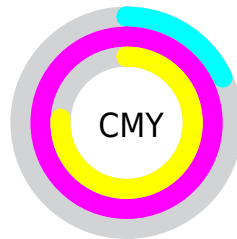
- Red (82%)
- Green (0%)
- Blue (24%)



- Red (82%)
- Yellow (0%)
- Blue (24%)



- Cyan (0%)
- Magenta (100%)
- Yellow (71%)
- Black (18%)



- Cyan (18%)
- Magenta (100%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D1003C 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 D1003C by changing the saturation by 10% instead.



 D1003C

 D1003C

FFFFFF

 B10027

 FF576B

 920013

 FF7584

 720000

 FF939E

 540002

 FFB0B9

 350002

 FFCED5

 040000

 FFECF1

 000000

 D1003C

 D1154B

 D12A5A

 D13F69

 D15478

 D16986

 D17D95

 D192A4

 D1A7B3

 D1BCC2

# Harmonies

## Analogous

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



CD007A



D1003C



B84000

# Triad

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



D1003C



007D08



0075E8

# Complementary

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



D1003C



00D195

# 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.



0080CD



D1003C



008156

# Square

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



D1003C



517300



008298



285FDF

# Rectangle

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



D1003C



9C5700



008298



007AE3



# Sweetspot

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



D1003C



FFB3C8



9200D1



80525F



000000



808080



# Same Dimension

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



D1003C



FF0049



D12A00



695E61



A80030



29000C



# Inverse Universe

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



D1003C



FF0049



00A7D1



695E61



A80030



29000C



# Previews

## White Background



This preview shows how the Hex color D1003C looks on a white background.

## Color Contrast Check

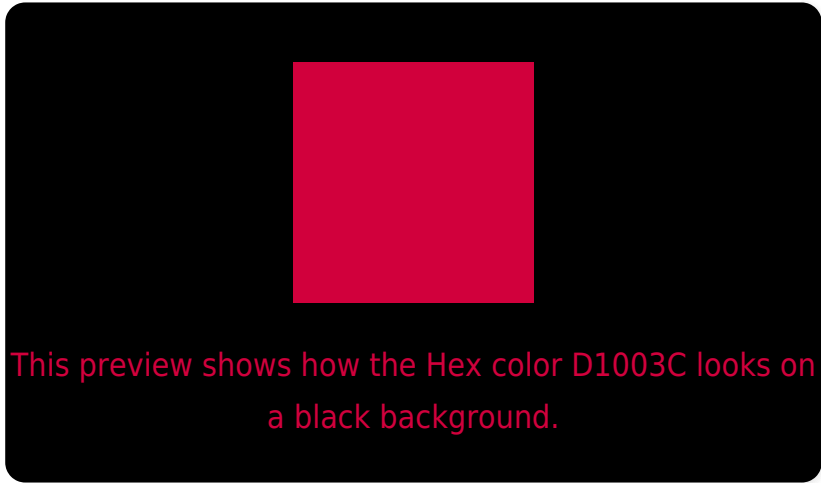
Large Text (above 18pt) WCAG AA ✓ Pass

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 D1003C Background



This preview shows how black text looks on a background with the Hex color D1003C.



This preview shows how white text looks on a background with the Hex color D1003C.

# 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



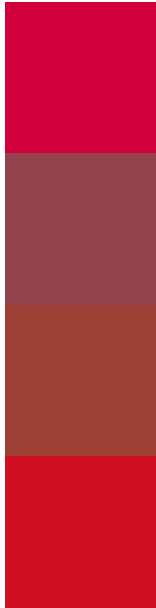
**Original Color**  
D1003C

**Protanopia**  
706A59

**Deuteranopia**  
836532



# Trichromacy



**Original Color**  
D1003C

**Protanomaly**  
93434E

**Deuteranomaly**  
9F4036

**Tritanomaly**  
D01022

# Monochromacy



**Original Color**  
D1003C

**Achromatopsia**  
454545

**Achromatomaly**  
782C42

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D1003C 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 #D1003C looks like.

```
.text, #text, p{  
    color:#D1003C  
}
```

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 #D1003C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1003C
}
```

## Border

The CSS property to change the border of an element to Hex D1003C is called "border". The border property can be set on classes, ids or directly on the HTML element.

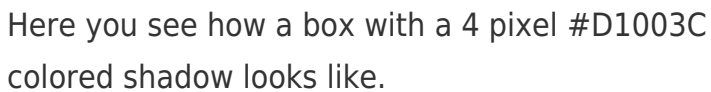
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D1003C }
```

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

```
.border{ border-color:#D1003C }
```

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



Here you see how a box with a 4 pixel #D1003C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1003C; -webkit-box-shadow:4px 4px  
4px 4px #D1003C; box-shadow:4px 4px 4px  
4px #D1003C }
```

# Background

The CSS property to change the background color of an element to Hex D1003C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1003C }
```

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

```
.background{ background-color:#D1003C }
```

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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