

# Converting Colors

Hex(D02351)

Have a look what the booklet for  
Hex(D02351) contains.

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# Color

**Hex(D02351)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D02351
RGB	208, 35, 81
RGB Percent	82%, 14%, 32%
CMY	0.1843, 0.8627, 0.6824
CMYK	0.00, 0.83, 0.61, 0.18
HSL	344°, 71%, 48%
HSV	344°, 83%, 82%
XYZ	28.0987, 15.2060, 9.2387
YIQ	91.9710, 88.3420, 50.9820

# Conversions

## Conversions Part 2

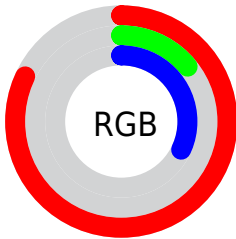
Format	Color
<a href="#">RYB</a>	208, 35, 81
Decimal	13640529
CIELab	45.92, 66.21, 18.87
CIElCh	46, 68.843, 15.905
Yxy	15.2060, 0.5348, 0.2894
Android (android.graphics.Color)	4291830609 (0xFFD02351)
YUV	91.9710, -5.4087, 101.7574
Hunter-Lab	38.9949, 60.3810, 13.2495

# Details

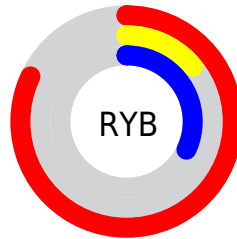
The Hex color **D02351** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **23D0A2**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **FF6482**, and **920025** is the 20% darker color. If you saturate the color by 10%, you get **D00E42**, and if you desaturate by 10%, it is **D03860**.

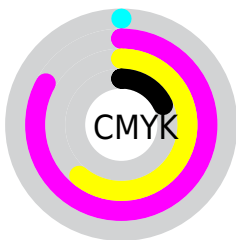
# Distribution



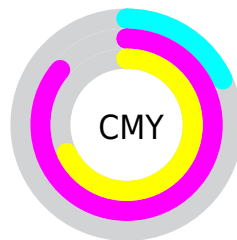
- Red (82%)
- Green (14%)
- Blue (32%)



- Red (82%)
- Yellow (14%)
- Blue (32%)



- Cyan (0%)
- Magenta (83%)
- Yellow (61%)
- Black (18%)



- Cyan (18%)
- Magenta (86%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D02351 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 D02351 by changing the saturation by 10% instead.



 D02351

 D02351

FFFFFF

 B1003A

 FF6482

 920025

 FF819C

 740011

 FF9EB7

 560001

 FFBBD2

 380002

 FFD9EE

 0E0000

 FFF6FF

 000000

 D02351

 D02351

 D00E42

 D03860

 D00037

 D04D70

 D0617F

 D0768E

 D08B9D

 D0A0AD

 D0B5BC

 D0C9CB

 D0DEDA

# Harmonies

## Analogous

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



C4298A



D02351



BF4318

# Triad

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



D02351



117F09



007BDE

# Complementary

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



D02351



23D0A2

# 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.



0084BF



D02351



00844F

# Square

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



D02351



687400



00868B



0069DD

# Rectangle

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



D02351



A85800



00868B



007FD7



# Sweetspot

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



D02351



FFBFD0



A223D0



805963



000000



808080



# Same Dimension

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



D02351



FF0044



D04B23



695E61



A8002D



29000B



# Inverse Universe

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



D02351



FF0044



23A8D0



695E61



A8002D



29000B



# Previews

## White Background



This preview shows how the Hex color D02351 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 D02351 Background



This preview shows how black text looks on a background with the Hex color D02351.

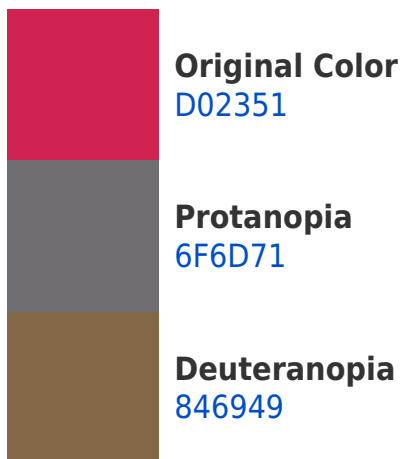


This preview shows how white text looks on a background with the Hex color D02351.

# Color Blindness Simulation

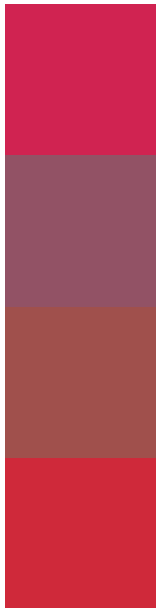
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
D02351

**Protanomaly**  
925265

**Deuteranomaly**  
A0504C

**Tritanomaly**  
CF293A

# Monochromacy



**Original Color**  
D02351

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
864758

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D02351 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 #D02351 looks like.

```
.text, #text, p{  
    color:#D02351  
}
```

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 #D02351 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D02351
}
```

## Border

The CSS property to change the border of an element to Hex D02351 is called "border". The border property can be set on classes, ids or directly on the HTML element.

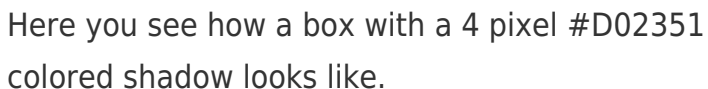
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D02351 }
```

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

```
.border{ border-color:#D02351 }
```

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



Here you see how a box with a 4 pixel #D02351 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D02351; -webkit-box-shadow:4px 4px  
4px 4px #D02351; box-shadow:4px 4px 4px  
4px #D02351 }
```

# Background

The CSS property to change the background color of an element to Hex D02351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D02351 }
```

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

```
.background{ background-color:#D02351 }
```

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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