

# Converting Colors

Hex(D0341A)

Have a look what the booklet for  
Hex(D0341A) contains.

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# Color

**Hex(D0341A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D0341A
RGB	208, 52, 26
RGB Percent	82%, 20%, 10%
CMY	0.1843, 0.7961, 0.8980
CMYK	0.00, 0.75, 0.88, 0.18
HSL	9°, 78%, 46%
HSV	9°, 88%, 82%
XYZ	27.4269, 15.9405, 2.6085
YIQ	95.6800, 101.3220, 24.9860

# Conversions

## Conversions Part 2

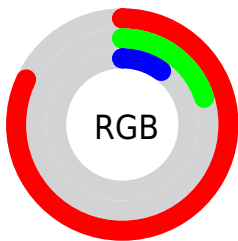
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">208, 56, 26</a>
Decimal	<a href="#">13644826</a>
CIELab	<a href="#">46.90, 59.30, 50.79</a>
CIELCh	<a href="#">47, 78.077, 40.577</a>
Yxy	<a href="#">15.9405, 0.5965, 0.3467</a>
Android (android.graphics.Color)	<a href="#">4291834906</a> (0xFFD0341A)
YUV	<a href="#">95.6800, -34.3522, 98.5046</a>
Hunter-Lab	<a href="#">39.9255, 52.7511, 24.0741</a>

# Details

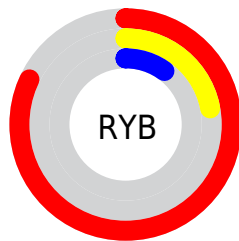
The Hex color **D0341A** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **1AB6D0**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **FF6E4A**, and **910000** is the 20% darker color. If you saturate the color by 10%, you get **D02205**, and if you desaturate by 10%, it is **D0462F**.

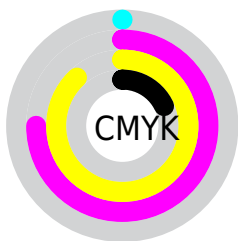
# Distribution



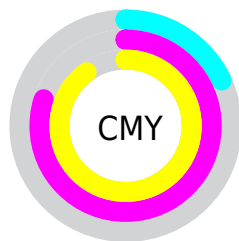
- Red (82%)
- Green (20%)
- Blue (10%)



- Red (82%)
- Yellow (22%)
- Blue (10%)



- Cyan (0%)
- Magenta (75%)
- Yellow (88%)
- Black (18%)



- Cyan (18%)
- Magenta (80%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D0341A 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 D0341A by changing the saturation by 10% instead.



 D0341A

 D0341A

FFFFFF

 B00C01

 FF6E4A

 910000

 FF8A63

 710000

 FFA77D

 530000

 FFC397

 360002

 FFE0B2

 070000

 FFFECE

 000000

 FFFFEA

 D0341A

 D0341A

■ D02205

■ D0462F

■ D01E00

■ D05844

■ D06958

■ D07B6D

■ D08D82

■ D09F97

■ D0B1AC

■ D0C3C0

■ D0D4D5

# Harmonies

## Analogous

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



DF005B



D0341A



A95C00

# Triad

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



D0341A



008840



0070F2

# Complementary

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



D0341A



1AB6D0

# 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.



0082EC



D0341A



008A86

# Square

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



D0341A



1A8100



0089C4



8B50D4

# Rectangle

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



D0341A



876D00



0089C4



0078F5



# Sweetspot

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



D0341A



FFC6BD



D01AB8



805E58



000000



808080



# Same Dimension

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



D0341A



FF2400



D08D1A



69605E



A81800



290600

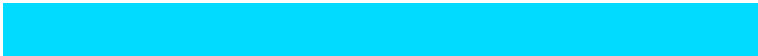


# Inverse Universe

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



1AB6D0



00DBFF



1A5DD0



5E6769



0090A8



002329



# Previews

## White Background



This preview shows how the Hex color D0341A looks on a white background.

## Color Contrast Check

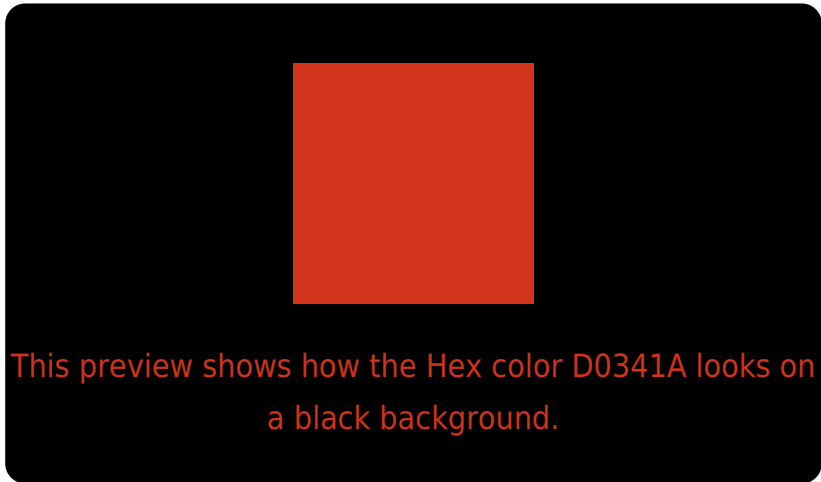
Large Text (above 18pt) WCAG AA ✓ Pass

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 D0341A Background



This preview shows how black text looks on a background with the Hex color D0341A.



This preview shows how white text looks on a background with the Hex color D0341A.

# 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**  
D0341A

**Protanopia**  
7D7028

**Tritanopia**  
D13133

# Trichromacy



**Original Color**  
D0341A

**Protanomaly**  
9B5A23

**Tritanomaly**  
D1322A

# Monochromacy



**Original Color**  
D0341A

**Achromatopsia**  
606060

**Achromatomaly**  
895047

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D0341A 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 #D0341A looks like.

```
.text, #text, p{  
    color:#D0341A  
}
```

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 #D0341A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0341A
}
```

## Border

The CSS property to change the border of an element to Hex D0341A is called "border". The border property can be set on classes, ids or directly on the HTML element.

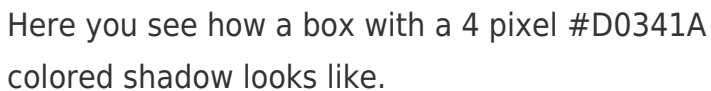
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D0341A }
```

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

```
.border{ border-color:#D0341A }
```

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



Here you see how a box with a 4 pixel #D0341A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0341A; -webkit-box-shadow:4px 4px  
4px 4px #D0341A; box-shadow:4px 4px 4px  
4px #D0341A }
```

# Background

The CSS property to change the background color of an element to Hex D0341A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0341A }
```

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

```
.background{ background-color:#D0341A }
```

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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