

# Converting Colors

Hex(D41400)

Have a look what the booklet for  
Hex(D41400) contains.

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**Color**

**Hex(D41400)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D41400
RGB	212, 20, 0
RGB Percent	83%, 8%, 0%
CMY	0.1686, 0.9216, 1.0000
CMYK	0.00, 0.91, 1.00, 0.17
HSL	6°, 100%, 42%
HSV	6°, 100%, 83%
XYZ	27.4015, 14.4974, 1.3540
YIQ	75.1280, 120.8520, 34.4840

# Conversions

## Conversions Part 2

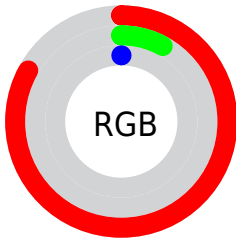
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">212, 22, 0</a>
Decimal	<a href="#">13898752</a>
CIELab	<a href="#">44.94, 67.64, 58.73</a>
CIELCh	<a href="#">45, 89.580, 40.966</a>
Yxy	<a href="#">14.4974, 0.6335, 0.3352</a>
Android (android.graphics.Color)	<a href="#">4292088832</a> (0xFFD41400)
YUV	<a href="#">75.1280, -37.0381, 120.0367</a>
Hunter-Lab	<a href="#">38.0754, 61.8283, 24.5443</a>

# Details

The Hex color **D41400** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **00C0D4**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **FF5C36**, and **930000** is the 20% darker color. If you saturate the color by 10%, you get **D41400**, and if you desaturate by 10%, it is **D42715**.

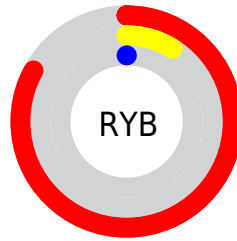
# Distribution



Red (83%)

Green (8%)

Blue (0%)



Red (83%)

Yellow (9%)

Blue (0%)

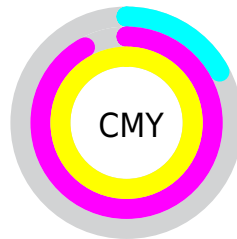


Cyan (0%)

Magenta (91%)

Yellow (100%)

Black (17%)



Cyan (17%)

Magenta (92%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D41400 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 D41400 by changing the saturation by 10% instead.



 D41400

 D41400

 FFFFF2

 B30000

 FF5C36

 930000

 FF7A4F

 730000

 FF9769

 540002

 FFB483

 360002

 FFD19D

 070000

 FFEFB9

 000000

 FFFF5D

 D41400

 D42715

 D43A2A

 D44E40

 D46155

 D4746A

 D4877F

 D49A94

 D4AEAA

 D4C1BF

# Harmonies

## Analogous

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



E60053



D41400



A85400

# Triad

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



D41400



008535



006CFF

# Complementary

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



D41400



00C0D4

# 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.



0080FA



D41400



008785

# Square

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



D41400



007E00



0087CC



8843DD

# Rectangle

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



D41400



806900



0087CC



0075FF



# Sweetspot

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



D41400



FFBAB3



D400C2



805652



000000



808080



# Same Dimension

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



D41400



FF1800



D47C00



6B6160



AB1000



2B0400



# Inverse Universe

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



00C0D4



00E7FF



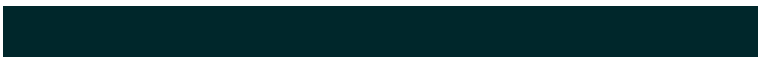
0058D4



606A6B



009BAB



00272B



# Previews

## White Background



This preview shows how the Hex color D41400 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 D41400 Background



This preview shows how black text looks on a background with the Hex color D41400.



This preview shows how white text looks on a background with the Hex color D41400.

# 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**  
D41400

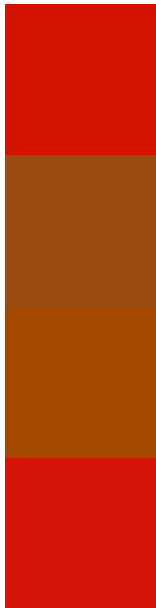
**Protanopia**  
796C1B

**Deuteranopia**  
886600



**Tritanopia**  
D41409

# Trichromacy



**Original Color**  
D41400

**Protanomaly**  
9A4C11

**Deuteranomaly**  
A44800

**Tritanomaly**  
D41406

# Monochromacy



**Original Color**  
D41400

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
7D3730

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D41400 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 #D41400 looks like.

```
.text, #text, p{  
    color:#D41400  
}
```

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 #D41400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D41400
}
```

## Border

The CSS property to change the border of an element to Hex D41400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

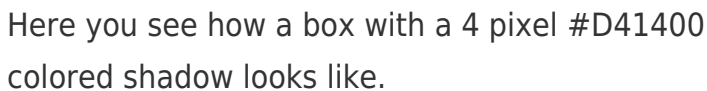
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D41400 }
```

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

```
.border{ border-color:#D41400 }
```

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



Here you see how a box with a 4 pixel #D41400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D41400; -webkit-box-shadow:4px 4px  
4px 4px #D41400; box-shadow:4px 4px 4px  
4px #D41400 }
```

# Background

The CSS property to change the background color of an element to Hex D41400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D41400 }
```

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

```
.background{ background-color:#D41400 }
```

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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