

Converting Colors

Hex(D41100)

Have a look what the booklet for
Hex(D41100) contains.

Hex(D41100)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D41100)

Conversions

Conversions Part 1

Format	Color
Hex	D41100
RGB	212, 17, 0
RGB Percent	83%, 7%, 0%
CMY	0.1686, 0.9333, 1.0000
CMYK	0.00, 0.92, 1.00, 0.17
HSL	5°, 100%, 42%
HSV	5°, 100%, 83%
XYZ	27.3518, 14.3979, 1.3375
YIQ	73.3670, 121.6770, 36.0530

Conversions

Conversions Part 2

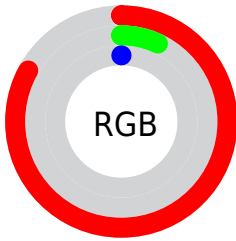
Format	Color
RYB	212, 18, 0
Decimal	13897984
CIELab	44.80, 68.04, 58.68
CIElCh	45, 89.850, 40.773
Yxy	14.3979, 0.6348, 0.3342
Android (android.graphics.Color)	4292088064 (0xFFD41100)
YUV	73.3670, -36.1699, 121.5811
Hunter-Lab	37.9446, 62.2660, 24.4714

Details

The Hex color **D41100** 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 **00C3D4**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **FF5B36**, and **930000** is the 20% darker color. If you saturate the color by 10%, you get **D41100**, and if you desaturate by 10%, it is **D42515**.

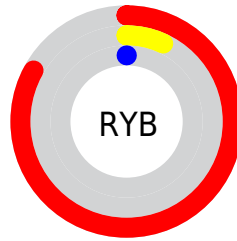
Distribution



Red (83%)

Green (7%)

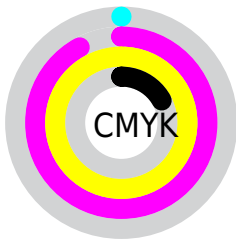
Blue (0%)



Red (83%)

Yellow (7%)

Blue (0%)

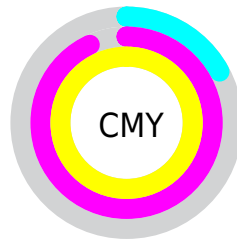


Cyan (0%)

Magenta (92%)

Yellow (100%)

Black (17%)



Cyan (17%)

Magenta (93%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color D41100 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 D41100 by changing the saturation by 10% instead.

 D41100

 D41100

 FFFFF1

 B30000

 FF5B36

 930000

 FF794F

 730000

 FF9668

 540002

 FFB382

 360002

 FFD09D

 070000

 FFEEB9

 000000

 FFFF5D

 D41100

 D42515

 D4382A

 D44C40

 D45F55

 D4736A

 D4867F

 D49A94

 D4ADAA

 D4C1BF

Harmonies

Analogous

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



E60053



D41100



A85300

Triad

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



D41100



008434



006CFF

Complementary

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



D41100



00C3D4

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



D41100



008784

Square

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



D41100



007E00



0087CC



8743DE

Rectangle

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



D41100



806800



0087CC



0075FF

Sweetspot

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



D41100



FFB9B3



D400C6



805552



000000



808080

Same Dimension

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



D41100



FF1400



D47800



6B6160



AB0E00



2B0300

Inverse Universe

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



00C3D4



00EBFF



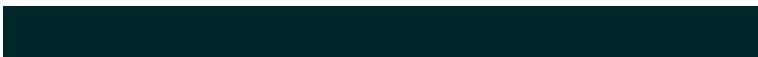
005CD4



606A6B



009DAB



00282B

Previews

White Background



This preview shows how the Hex color D41100 looks on a white background.

Color Contrast Check

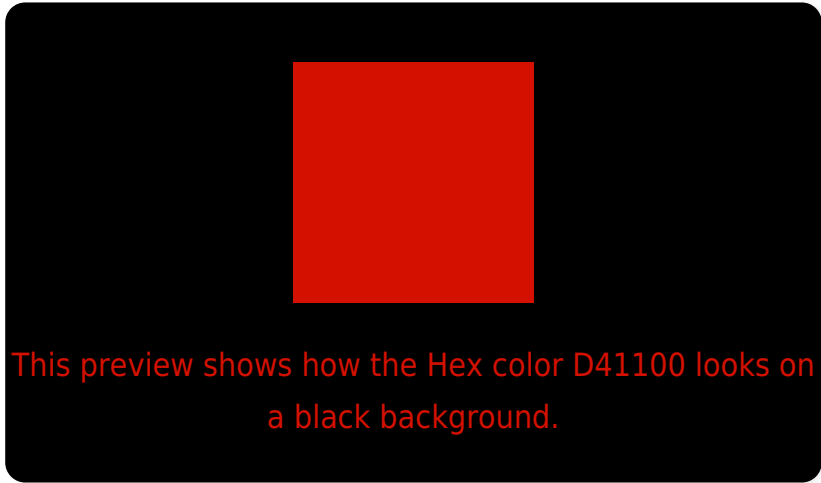
Large Text (above 18pt) WCAG AA ✓ Pass

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 D41100 Background



This preview shows how black text looks on a background with the Hex color D41100.



This preview shows how white text looks on a background with the Hex color D41100.

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
D41100

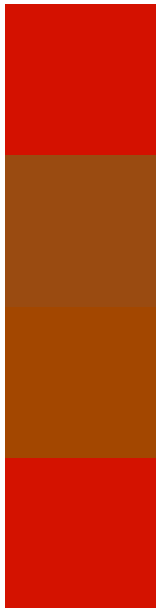
Protanopia
796C1B

Deuteranopia
876600



Tritanopia
D41300

Trichromacy



Original Color
D41100

Protanomaly
9A4B11

Deuteranomaly
A34700

Tritanomaly
D41200

Monochromacy



Original Color
D41100

Achromatopsia
494949

Achromatomaly
7C352E

CSS Examples

Text

The CSS property to change the color of the text to Hex D41100 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 #D41100 looks like.

```
.text, #text, p{  
    color:#D41100  
}
```

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 #D41100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D41100
}
```

Border

The CSS property to change the border of an element to Hex D41100 is called "border". The border property can be set on classes, ids or directly on the HTML element.

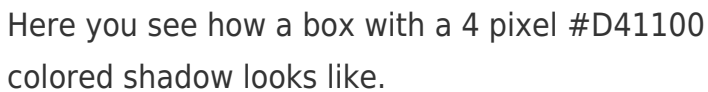
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D41100 }
```

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

```
.border{ border-color:#D41100 }
```

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



Here you see how a box with a 4 pixel #D41100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D41100; -webkit-box-shadow:4px 4px  
4px 4px #D41100; box-shadow:4px 4px 4px  
4px #D41100 }
```

Background

The CSS property to change the background color of an element to Hex D41100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D41100 }
```

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

```
.background{ background-color:#D41100 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor