

Converting Colors

Hex(DC0200)

Have a look what the booklet for
Hex(DC0200) contains.

Hex(DC0200)	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(DC0200)

Conversions

Conversions Part 1

Format	Color
Hex	DC0200
RGB	220, 2, 0
RGB Percent	86%, 1%, 0%
CMY	0.1373, 0.9922, 1.0000
CMYK	0.00, 0.99, 1.00, 0.14
HSL	1°, 100%, 43%
HSV	1°, 100%, 86%
XYZ	29.5369, 15.2591, 1.3885
YIQ	66.9540, 130.5700, 45.5940

Conversions

Conversions Part 2

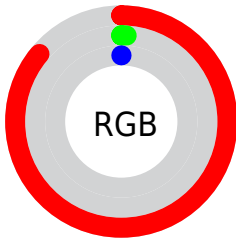
Format	Color
RYB	220, 2, 0
Decimal	14418432
CIELab	45.99, 71.49, 60.15
CIELCh	46, 93.424, 40.077
Yxy	15.2591, 0.6395, 0.3304
Android (android.graphics.Color)	4292608512 (0xFFDC0200)
YUV	66.9540, -33.0083, 134.2213
Hunter-Lab	39.0628, 66.6107, 25.2365

Details

The Hex color **DC0200** 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 **00DADC**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **FF5936**, and **9A0000** is the 20% darker color. If you saturate the color by 10%, you get **DC0200**, and if you desaturate by 10%, it is **DC1816**.

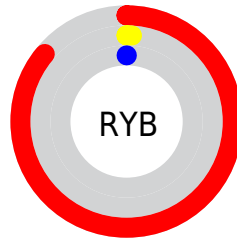
Distribution



Red (86%)

Green (1%)

Blue (0%)



Red (86%)

Yellow (1%)

Blue (0%)

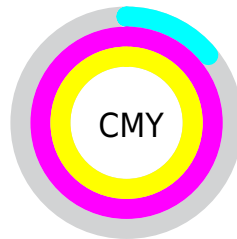


Cyan (0%)

Magenta (99%)

Yellow (100%)

Black (14%)



Cyan (14%)

Magenta (99%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC0200 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 DC0200 by changing the saturation by 10% instead.

 DC0200

 DC0200

 FFFFF2

 BB0000

 FF5936

 9A0000

 FF774F

 7A0000

 FF9569

 5A0002

 FFB283

 3D0003

 FFD09E

 170000

 FFEEB9

 000000

 FFFF5D

 DC0200

 DC1816

 DC2E2C

 DC4342

 DC5958

 DC6F6E

 DC8584

 DC9B9A

 DCB0B0

 DCC6C6

Harmonies

Analogous

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



EE0057



DC0200



AE5400

Triad

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



DC0200



008832



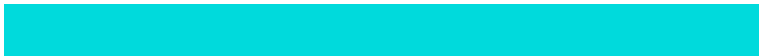
0070FF

Complementary

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



DC0200



00DADC

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.



0084FF



DC0200



008B86

Square

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



DC0200



008100



008BD2



8845E7

Rectangle

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



DC0200



856B00



008BD2



0079FF

Sweetspot

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



DC0200



FFB3B3



DC00DC



805252



000000



808080

Same Dimension

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



DC0200



FF0200



DC6E00



6E6363



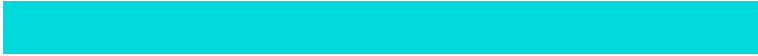
AD0200



2E0000

Inverse Universe

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



00DADC



00FDFD



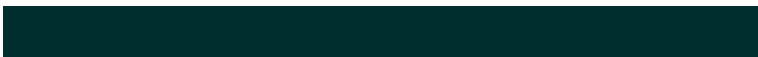
006EDC



636E6E



00ACAD



002D2E

Previews

White Background



This preview shows how the Hex color DC0200 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 DC0200 Background



This preview shows how black text looks on a background with the Hex color DC0200.



This preview shows how white text looks on a background with the Hex color DC0200.

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
DC0200

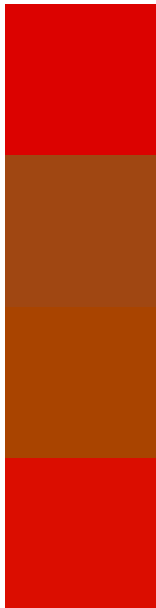
Protanopia
7D6F1C

Deuteranopia
8C6900



Tritanopia
DA1400

Trichromacy



Original Color
DC0200

Protanomaly
A04712

Deuteranomaly
A94400

Tritanomaly
DB0D00

Monochromacy



Original Color
DC0200

Achromatopsia
434343

Achromatomaly
7B2B2B

CSS Examples

Text

The CSS property to change the color of the text to Hex DC0200 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 #DC0200 looks like.

```
.text, #text, p{  
    color:#DC0200  
}
```

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 #DC0200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC0200  
}
```

Border

The CSS property to change the border of an element to Hex DC0200 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".

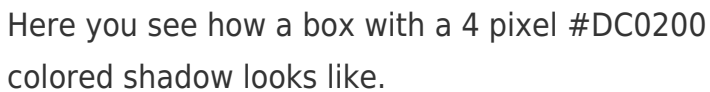
```
.border, #border, table{ border:4px solid  
#DC0200 }
```

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

```
.border{ border-color:#DC0200 }
```

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

Here you see how a box with a 4 pixel #DC0200 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC0200; -webkit-box-shadow:4px 4px  
4px 4px #DC0200; box-shadow:4px 4px 4px  
4px #DC0200 }
```

Background

The CSS property to change the background color of an element to Hex DC0200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC0200 }
```

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

```
.background{ background-color:#DC0200 }
```

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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