

Converting Colors

Hex(D8020C)

Have a look what the booklet for
Hex(D8020C) contains.

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Color

Hex(D8020C)

Conversions

Conversions Part 1

Format	Color
Hex	D8020C
RGB	216, 2, 12
RGB Percent	85%, 1%, 5%
CMY	0.1529, 0.9922, 0.9529
CMYK	0.00, 0.99, 0.94, 0.15
HSL	357°, 98%, 43%
HSV	357°, 99%, 85%
XYZ	28.4070, 14.6689, 1.6820
YIQ	67.1260, 124.3340, 48.4780

Conversions

Conversions Part 2

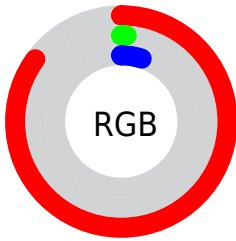
Format	Color
RYB	216, 2, 12
Decimal	14156300
CIELab	45.18, 70.60, 55.67
CIElCh	45, 89.908, 38.255
Yxy	14.6689, 0.6347, 0.3277
Android (android.graphics.Color)	4292346380 (0xFFD8020C)
YUV	67.1260, -27.1771, 130.5625
Hunter-Lab	38.3000, 65.3679, 24.2062

Details

The Hex color **D8020C** 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 **02D8CE**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **FF583E**, and **970000** is the 20% darker color. If you saturate the color by 10%, you get **D8000A**, and if you desaturate by 10%, it is **D81821**.

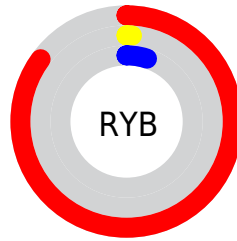
Distribution



Red (85%)

Green (1%)

Blue (5%)



Red (85%)

Yellow (1%)

Blue (5%)

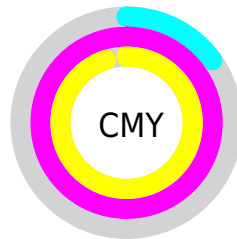


Cyan (0%)

Magenta (99%)

Yellow (94%)

Black (15%)



Cyan (15%)

Magenta (99%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color D8020C 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 D8020C by changing the saturation by 10% instead.

 D8020C

 D8020C

 FFFFFFF9

 B70000

 FF583E

 970000

 FF7656

 760000

 FF9470

 570002

 FFB18A

 390002

 FFCFA4

 100000

 FFEDC0

 000000

 FFFFDC

 D8020C

 D8020C

 D8000A

 D81821

 D82D35

 D8434A

 D8585E

 D86E73

 D88488

 D8999C

 D8AFB1

 D8C4C5

Harmonies

Analogous

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



E7005A



D8020C



AD5100

Triad

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



D8020C



00852D



0070FF

Complementary

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



D8020C



02D8CE

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.



0082F9



D8020C



00887F

Square

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



D8020C



007E00



0088C8



7D49E3

Rectangle

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



D8020C



876700



0088C8



0078FF

Sweetspot

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



D8020C



FFB3B6



CD02D8



805254



000000



808080

Same Dimension

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



D8020C



FF000C



D86202



6B6061



AB0008



2B0002

Inverse Universe

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



D8020C



FF000C



0278D8



6B6061



AB0008



2B0002

Previews

White Background



This preview shows how the Hex color D8020C 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 D8020C Background



This preview shows how black text looks on a background with the Hex color D8020C.



This preview shows how white text looks on a background with the Hex color D8020C.

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
D8020C

Protanopia
7A6D20

Deuteranopia
896800



Tritanopia
D61400

Trichromacy



Original Color
D8020C



Protanomaly
9C4619



Deuteranomaly
A64304



Tritanomaly
D70D04

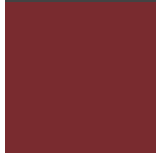
Monochromacy



Original Color
D8020C



Achromatopsia
434343



Achromatomaly
792B2F

CSS Examples

Text

The CSS property to change the color of the text to Hex D8020C 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 #D8020C looks like.

```
.text, #text, p{  
    color:#D8020C  
}
```

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 #D8020C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8020C
}
```

Border

The CSS property to change the border of an element to Hex D8020C is called "border". The border property can be set on classes, ids or directly on the HTML element.

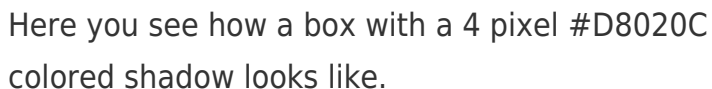
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D8020C }
```

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

```
.border{ border-color:#D8020C }
```

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



Here you see how a box with a 4 pixel #D8020C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8020C; -webkit-box-shadow:4px 4px  
4px 4px #D8020C; box-shadow:4px 4px 4px  
4px #D8020C }
```

Background

The CSS property to change the background color of an element to Hex D8020C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8020C }
```

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

```
.background{ background-color:#D8020C }
```

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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