

# Converting Colors

Hex(D9001F)

Have a look what the booklet for  
Hex(D9001F) contains.

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# Color

**Hex(D9001F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D9001F
RGB	217, 0, 31
RGB Percent	85%, 0%, 12%
CMY	0.1490, 1.0000, 0.8784
CMYK	0.00, 1.00, 0.86, 0.15
HSL	351°, 100%, 43%
HSV	351°, 100%, 85%
XYZ	28.8626, 14.8506, 2.6416
YIQ	68.4170, 119.3810, 55.6450

# Conversions

## Conversions Part 2

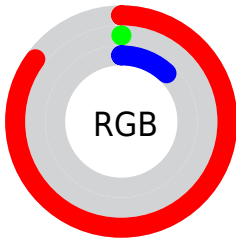
Format	Color
<b>RYB</b>	217, 0, 31
Decimal	14221343
CIELab	45.43, 71.29, 48.01
CIElCh	45, 85.955, 33.959
Yxy	14.8506, 0.6226, 0.3204
Android (android.graphics.Color)	4292411423 (0xFFD9001F)
YUV	68.4170, -18.4466, 130.3073
Hunter-Lab	38.5365, 66.2517, 22.9114

# Details

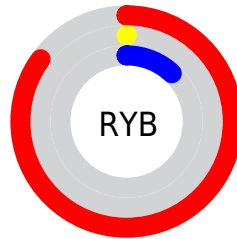
The Hex color **D9001F** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **00D9BA**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **FF584D**, and **980000** is the 20% darker color. If you saturate the color by 10%, you get **D9001F**, and if you desaturate by 10%, it is **D91632**.

# Distribution



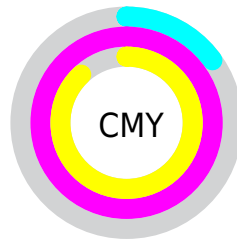
- Red (85%)
- Green (0%)
- Blue (12%)



- Red (85%)
- Yellow (0%)
- Blue (12%)



- Cyan (0%)
- Magenta (100%)
- Yellow (86%)
- Black (15%)



- Cyan (15%)
- Magenta (100%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D9001F 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 D9001F by changing the saturation by 10% instead.



 D9001F

 D9001F

FFFFFF

 B80008

 FF584D

 980000

 FF7766

 780000

 FF947F

 590002

 FFB299

 3B0002

 FFCFB5

 130000

 FFEDD0

 000000

 FFFFED

 D9001F

 D91632

 D92B44

 D94157

 D95769

 D96D7C

 D9828F

 D998A1

 D9AEB4

 D9C3C6

# Harmonies

## Analogous

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



E30066



D9001F



B34D00

# Triad

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



D9001F



008425



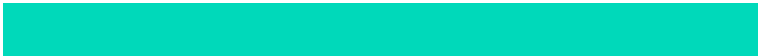
0073FE

# Complementary

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



D9001F



00D9BA

# 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.



0083EE



D9001F



008774

# Square

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



D9001F



277D00



0088BB



6B52E5

# Rectangle

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



D9001F



906400



0088BB



007AFD



# Sweetspot

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



D9001F



FFB3BD



B800D9



805258



000000



808080



# Same Dimension

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



D9001F



FF0024



D94C00



6E6364



AD0019



2E0007



# Inverse Universe

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



D9001F



FF0024



008DD9



6E6364



AD0019



2E0007



# Previews

## White Background



This preview shows how the Hex color D9001F looks on a white background.

## Color Contrast Check

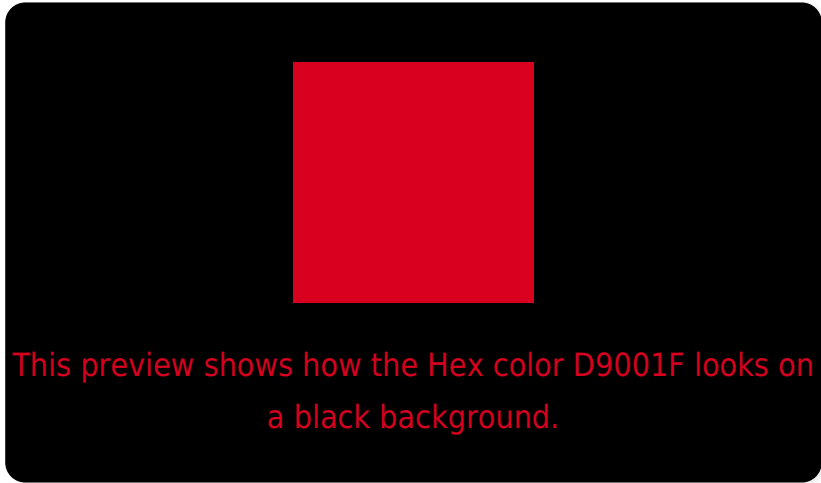
Large Text (above 18pt) WCAG AA ✓ Pass

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 D9001F Background



This preview shows how black text looks on a background with the Hex color D9001F.



This preview shows how white text looks on a background with the Hex color D9001F.

# 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**  
D9001F

**Protanopia**  
7A6E33

**Deuteranopia**  
8B6800



**Tritanopia**  
D81400

# Trichromacy



**Original Color**  
D9001F



**Protanomaly**  
9D462C



**Deuteranomaly**  
A7420B



**Tritanomaly**  
D80D0B

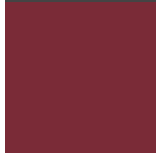
# Monochromacy



**Original Color**  
D9001F



**Achromatopsia**  
444444



**Achromatomaly**  
7A2B37

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D9001F 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 #D9001F looks like.

```
.text, #text, p{  
    color:#D9001F  
}
```

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 #D9001F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9001F
}
```

## Border

The CSS property to change the border of an element to Hex D9001F is called "border". The border property can be set on classes, ids or directly on the HTML element.

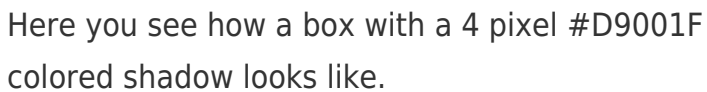
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D9001F }
```

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

```
.border{ border-color:#D9001F }
```

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



Here you see how a box with a 4 pixel `#D9001F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9001F; -webkit-box-shadow:4px 4px  
4px 4px #D9001F; box-shadow:4px 4px 4px  
4px #D9001F }
```

# Background

The CSS property to change the background color of an element to Hex D9001F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9001F }
```

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

```
.background{ background-color:#D9001F }
```

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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