

Converting Colors

Hex(D9013F)

Have a look what the booklet for
Hex(D9013F) contains.

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Color

Hex(D9013F)

Conversions

Conversions Part 1

Format	Color
Hex	D9013F
RGB	217, 1, 63
RGB Percent	85%, 0%, 25%
CMY	0.1490, 0.9961, 0.7529
CMYK	0.00, 1.00, 0.71, 0.15
HSL	343°, 99%, 43%
HSV	343°, 100%, 85%
XYZ	29.5233, 15.1323, 6.0674
YIQ	72.6520, 108.8340, 65.0740

Conversions

Conversions Part 2

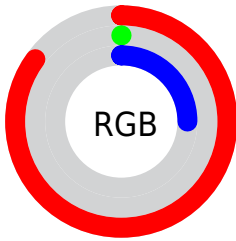
Format	Color
RYB	217, 1, 63
Decimal	14221631
CIELab	45.81, 72.18, 30.19
CIELCh	46, 78.234, 22.696
Yxy	15.1323, 0.5820, 0.2983
Android (android.graphics.Color)	4292411711 (0xFFD9013F)
YUV	72.6520, -4.7584, 126.5932
Hunter-Lab	38.9003, 67.3970, 17.9825

Details

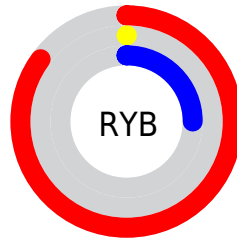
The Hex color **D9013F** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **01D99B**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **FF596E**, and **990016** is the 20% darker color. If you saturate the color by 10%, you get **D9003E**, and if you desaturate by 10%, it is **D9174E**.

Distribution



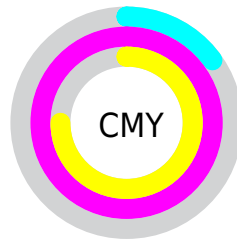
- Red (85%)
- Green (0%)
- Blue (25%)



- Red (85%)
- Yellow (0%)
- Blue (25%)



- Cyan (0%)
- Magenta (100%)
- Yellow (71%)
- Black (15%)



- Cyan (15%)
- Magenta (100%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color D9013F 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 D9013F by changing the saturation by 10% instead.

 D9013F

 D9013F

FFFFFF

 B90029

 FF596E

 990016

 FF7888

 7A0000

 FF95A2

 5A0002

 FFB3BD

 3D0003

 FFD1D9

 170000

 FFEFF5

 000000

 D9013F

 D9013F

 D9003E

 D9174E

 D92C5E

 D9426D

 D9587D

 D96E8C

 D9839C

 D999AB

 D9AFBB

 D9C4CA

Harmonies

Analogous

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



D5007F



D9013F



BF4300

Triad

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



D9013F



008208



007AF0

Complementary

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



D9013F



01D99B

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.



0085D5



D9013F



00865A

Square

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



D9013F



557800



00889E



2A63E7

Rectangle

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



D9013F



A35B00



00889E



007FEB

Sweetspot

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



D9013F



FFB3C8



9801D9



80525F



000000



808080

Same Dimension

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



D9013F



FF0049



D92C01



6E6366



AD0032



2E000D

Inverse Universe

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



D9013F



FF0049



01AED9



6E6366



AD0032



2E000D

Previews

White Background



This preview shows how the Hex color D9013F looks on a white background.

Color Contrast Check

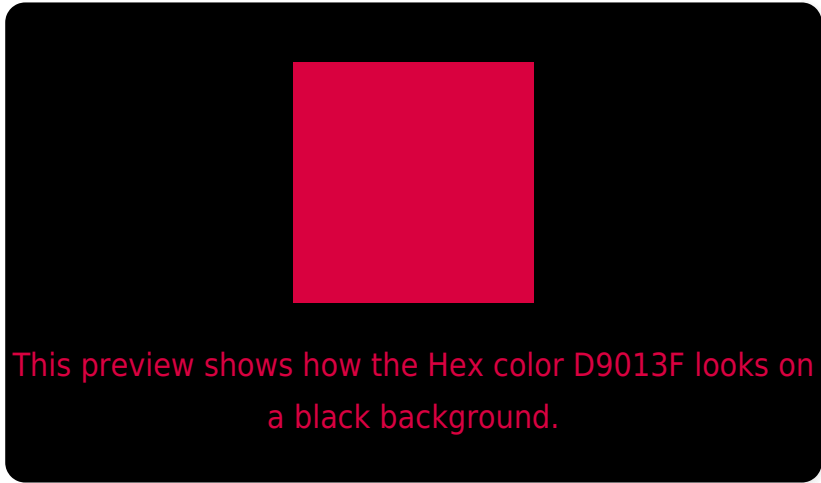
Large Text (above 18pt) WCAG AA ✓ Pass

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 D9013F Background



This preview shows how black text looks on a background with the Hex color D9013F.



This preview shows how white text looks on a background with the Hex color D9013F.

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
D9013F

Protanopia
746E5E

Deuteranopia
886934



Tritanopia
D81A14

Trichromacy



Original Color
D9013F



Protanomaly
994653



Deuteranomaly
A54338



Tritanomaly
D81124

Monochromacy



Original Color
D9013F



Achromatopsia
494949



Achromatomaly
7D2F45

CSS Examples

Text

The CSS property to change the color of the text to Hex D9013F 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 #D9013F looks like.

```
.text, #text, p{  
    color:#D9013F  
}
```

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 #D9013F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9013F
}
```

Border

The CSS property to change the border of an element to Hex D9013F 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".

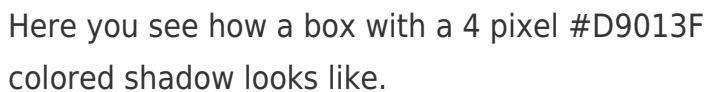
```
.border, #border, table{ border:4px solid
#D9013F }
```

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

```
.border{ border-color:#D9013F }
```

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

Here you see how a box with a 4 pixel #D9013F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9013F; -webkit-box-shadow:4px 4px  
4px 4px #D9013F; box-shadow:4px 4px 4px  
4px #D9013F }
```

Background

The CSS property to change the background color of an element to Hex D9013F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9013F }
```

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

```
.background{ background-color:#D9013F }
```

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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