

# Converting Colors

Hex(D9042B)

Have a look what the booklet for  
Hex(D9042B) contains.

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# Color

**Hex(D9042B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D9042B
RGB	217, 4, 43
RGB Percent	85%, 2%, 17%
CMY	0.1490, 0.9843, 0.8314
CMYK	0.00, 0.98, 0.80, 0.15
HSL	349°, 96%, 43%
HSV	349°, 98%, 85%
XYZ	29.0947, 15.0130, 3.6498
YIQ	72.1330, 114.4290, 57.2850

# Conversions

## Conversions Part 2

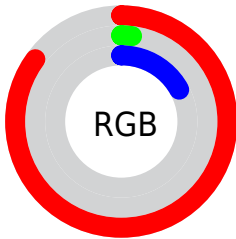
Format	Color
<a href="#">RYB</a>	<a href="#">217, 4, 43</a>
Decimal	<a href="#">14222379</a>
CIELab	<a href="#">45.65, 71.23, 41.81</a>
CIELCh	<a href="#">46, 82.596, 30.411</a>
Yxy	<a href="#">15.0130, 0.6092, 0.3144</a>
Android (android.graphics.Color)	<a href="#">4292412459</a> ( <a href="#">0xFFD9042B</a> )
YUV	<a href="#">72.1330, -14.3626, 127.0484</a>
Hunter-Lab	<a href="#">38.7466, 66.2289, 21.5376</a>

# Details

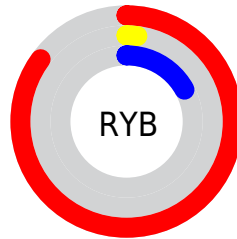
The Hex color **D9042B** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **04D9B2**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **FF5A59**, and **990000** is the 20% darker color. If you saturate the color by 10%, you get **D90028**, and if you desaturate by 10%, it is **D91A3D**.

# Distribution



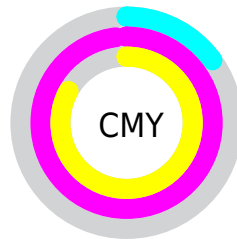
- Red (85%)
- Green (2%)
- Blue (17%)



- Red (85%)
- Yellow (2%)
- Blue (17%)



- Cyan (0%)
- Magenta (98%)
- Yellow (80%)
- Black (15%)



- Cyan (15%)
- Magenta (98%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D9042B 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 D9042B by changing the saturation by 10% instead.



 D9042B

 D9042B

FFFFFF

 B90016

 FF5A59

 990000

 FF7872

 780000

 FF958C

 590002

 FFB3A6

 3B0003

 FFD0C1

 150000

 FFEEDD

 000000

 FFFFFA

 D9042B

 D9042B

 D90028

 D91A3D

 D92F4E

 D94560

 D95B72

 D97184

 D98695

 D99CA7

 D9B2B9

 D9C7CB

# Harmonies

## Analogous

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



DE006E



D9042B



B84B00

# Triad

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



D9042B



00841E



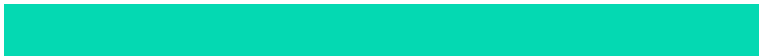
0076F9

# Complementary

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



D9042B



04D9B2

# 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.



0084E5



D9042B



00876B

# Square

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



D9042B



3B7B00



0088B1



5C59E5

# Rectangle

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



D9042B



976100



0088B1



007CF7



# Sweetspot

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



D9042B



FFB5C3



B204D9



80535B



000000



808080



# Same Dimension

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



D9042B



FF002F



D94704



6E6365



AD0020



2E0008



# Inverse Universe

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



D9042B



FF002F



0496D9



6E6365



AD0020



2E0008



# Previews

## White Background



This preview shows how the Hex color D9042B looks on a white background.

## Color Contrast Check

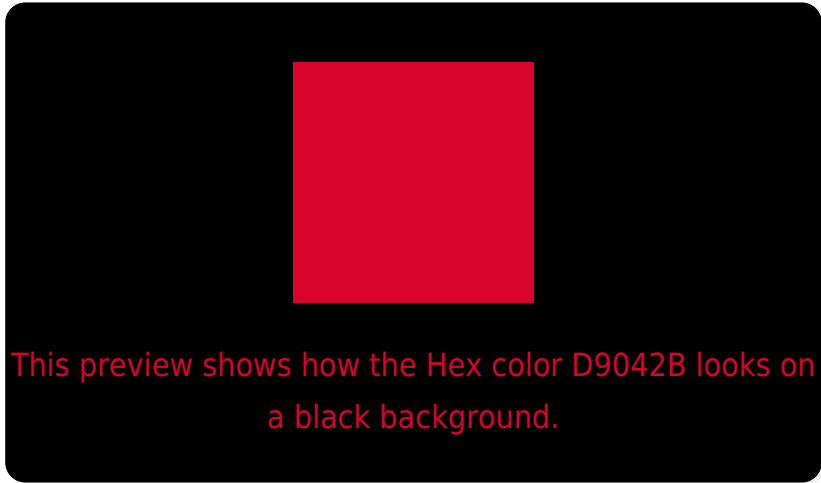
Large Text (above 18pt) WCAG AA ✓ Pass

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 D9042B Background



This preview shows how black text looks on a background with the Hex color D9042B.



This preview shows how white text looks on a background with the Hex color D9042B.

# 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**  
D9042B

**Protanopia**  
786E43

**Deuteranopia**  
8A681B



**Tritanopia**  
D81300

# Trichromacy



**Original Color**  
D9042B



**Protanomaly**  
9B473A



**Deuteranomaly**  
A74421



**Tritanomaly**  
D80E10

# Monochromacy



**Original Color**  
D9042B



**Achromatopsia**  
484848



**Achromatomaly**  
7D2F3D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D9042B 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 #D9042B looks like.

```
.text, #text, p{  
    color:#D9042B  
}
```

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 #D9042B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9042B
}
```

## Border

The CSS property to change the border of an element to Hex D9042B 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
#D9042B }
```

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

```
.border{ border-color:#D9042B }
```

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

Here you see how a box with a 4 pixel #D9042B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9042B; -webkit-box-shadow:4px 4px  
4px 4px #D9042B; box-shadow:4px 4px 4px  
4px #D9042B }
```

# Background

The CSS property to change the background color of an element to Hex D9042B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9042B }
```

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

```
.background{ background-color:#D9042B }
```

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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