

# Converting Colors

Hex(C9293B)

Have a look what the booklet for  
Hex(C9293B) contains.

<b>Hex(C9293B)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(C9293B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C9293B
RGB	201, 41, 59
RGB Percent	79%, 16%, 23%
CMY	0.2118, 0.8392, 0.7686
CMYK	0.00, 0.80, 0.71, 0.21
HSL	353°, 66%, 47%
HSV	353°, 80%, 79%
XYZ	25.6697, 14.3192, 5.5486
YIQ	90.8920, 89.5820, 39.5180

# Conversions

## Conversions Part 2

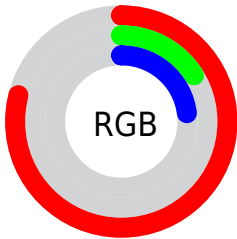
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">201, 41, 59</a>
Decimal	<a href="#">13183291</a>
CIELab	<a href="#">44.69, 61.61, 30.48</a>
CIElCh	<a href="#">45, 68.741, 26.325</a>
Yxy	<a href="#">14.3192, 0.5637, 0.3144</a>
Android (android.graphics.Color)	<a href="#">4291373371 (0xFFC9293B)</a>
YUV	<a href="#">90.8920, -15.7228, 96.5647</a>
Hunter-Lab	<a href="#">37.8407, 54.8669, 17.7947</a>

# Details

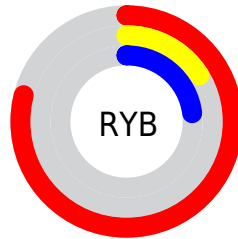
The Hex color **C9293B** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **29C9B7**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **FF666A**, and **8B0011** is the 20% darker color. If you saturate the color by 10%, you get **C91529**, and if you desaturate by 10%, it is **C93D4D**.

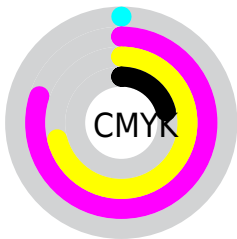
# Distribution



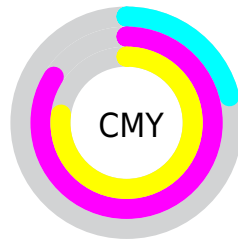
- Red (79%)
- Green (16%)
- Blue (23%)



- Red (79%)
- Yellow (16%)
- Blue (23%)



- Cyan (0%)
- Magenta (80%)
- Yellow (71%)
- Black (21%)



- Cyan (21%)
- Magenta (84%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C9293B 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 C9293B by changing the saturation by 10% instead.



 C9293B

 C9293B

FFFFFF

 AA0025

 FF666A

 8B0011

 FF8283

 6C0000

 FF9F9E

 4E0001

 FFBCB8

 310002

 FFD9D4

 000000

 FFF7F1

 C9293B

 C9293B

 C91529

 C93D4D

 C90117

 C9515F

 C90017

 C96571

 C97982

 C98D94

 C9A2A6

 C9B6B8

 C9CACA

 C9DEDC

# Harmonies

## Analogous

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



C81B73



C9293B



B04B00

# Triad

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



C9293B



007E23



0073DD

# Complementary

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



C9293B



29C9B7

# 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.



007EC9



C9293B



008161

# Square

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



C9293B



4F7500



00829B



515ED2

# Rectangle

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



C9293B



965E00



00829B



0078DA



# Sweetspot

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



C9293B



FFC2C9



B629C9



805B5F



000000



808080



# Same Dimension

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



C9293B



FF0A26



C96629



635A5B



A30012



240004



# Inverse Universe

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



C9293B



FF0A26



298CC9



635A5B



A30012



240004



# Previews

## White Background



This preview shows how the Hex color C9293B looks on a white background.

## Color Contrast Check

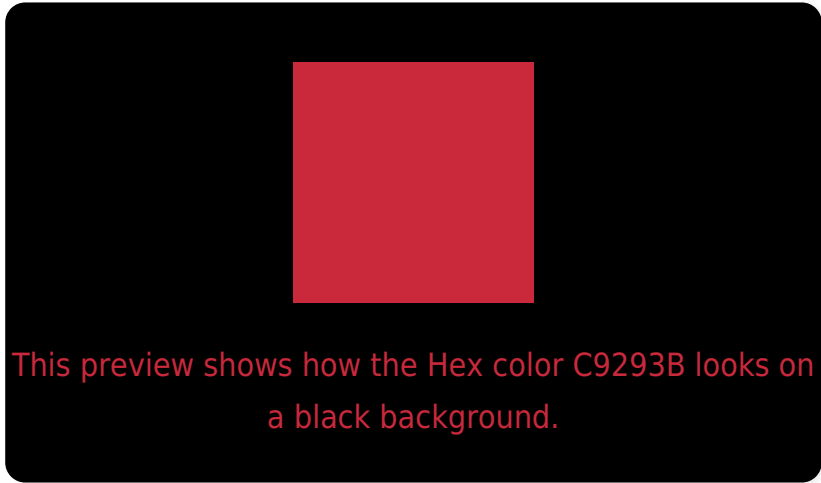
Large Text (above 18pt) WCAG AA ✓ Pass

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 C9293B Background



This preview shows how black text looks on a background with the Hex color C9293B.

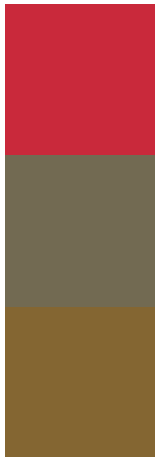


This preview shows how white text looks on a background with the Hex color C9293B.

# 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**  
C9293B

**Protanopia**  
726A52

**Deuteranopia**  
846632



# Trichromacy



**Original Color**  
C9293B

**Protanomaly**  
92524A

**Deuteranomaly**  
9D5035

**Tritanomaly**  
C92B31

# Monochromacy



**Original Color**  
C9293B

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
83494F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C9293B 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 #C9293B looks like.

```
.text, #text, p{  
    color:#C9293B  
}
```

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 #C9293B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9293B
}
```

## Border

The CSS property to change the border of an element to Hex C9293B is called "border". The border property can be set on classes, ids or directly on the HTML element.

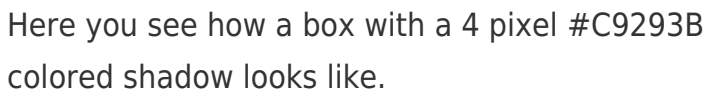
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C9293B }
```

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

```
.border{ border-color:#C9293B }
```

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



Here you see how a box with a 4 pixel `#C9293B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9293B; -webkit-box-shadow:4px 4px  
4px 4px #C9293B; box-shadow:4px 4px 4px  
4px #C9293B }
```

# Background

The CSS property to change the background color of an element to Hex C9293B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9293B }
```

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

```
.background{ background-color:#C9293B }
```

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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