

# Converting Colors

Hex(C9103E)

Have a look what the booklet for  
Hex(C9103E) contains.

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# Color

**Hex(C9103E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C9103E
RGB	201, 16, 62
RGB Percent	79%, 6%, 24%
CMY	0.2118, 0.9373, 0.7569
CMYK	0.00, 0.92, 0.69, 0.21
HSL	345°, 85%, 43%
HSV	345°, 92%, 79%
XYZ	25.1422, 13.1359, 5.7678
YIQ	76.5590, 95.4940, 53.5260

# Conversions

## Conversions Part 2

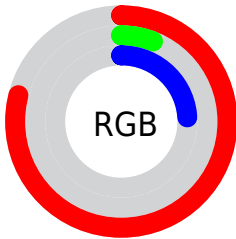
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	201, 16, 62
Decimal	13176894
CIE <sub>Lab</sub>	42.97, 66.80, 26.56
CIE <sub>LCh</sub>	43, 71.881, 21.681
Yxy	13.1359, 0.5708, 0.2982
Android (android.graphics.Color)	4291366974 (0xFFC9103E)
YUV	76.5590, -7.1776, 109.1348
Hunter-Lab	36.2435, 60.3998, 15.9350

# Details

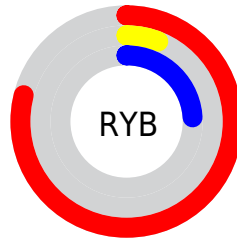
The Hex color **C9103E** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **10C99B**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **FF5A6D**, and **8A0015** is the 20% darker color. If you saturate the color by 10%, you get **C90032**, and if you desaturate by 10%, it is **C9244D**.

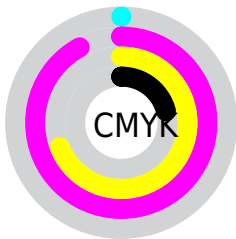
# Distribution



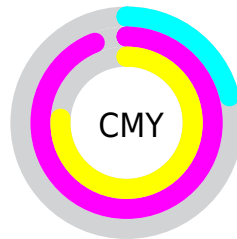
- Red (79%)
- Green (6%)
- Blue (24%)



- Red (79%)
- Yellow (6%)
- Blue (24%)



- Cyan (0%)
- Magenta (92%)
- Yellow (69%)
- Black (21%)



- Cyan (21%)
- Magenta (94%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C9103E 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 C9103E by changing the saturation by 10% instead.



 C9103E

 C9103E

FFFFFF

 AA0028

 FF5A6D

 8A0015

 FF7786

 6C0000

 FF94A1

 4E0002

 FFB1BC

 2F0002

 FFCFD7

 000000

 FFECF4

 C9103E

 C9103E

 C90032

 C9244D

 C9385C

 C94C6B

 C9607A

 C9758A

 C98999

 C99DA8

 C9B1B7

 C9C5C6

# Harmonies

## Analogous

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



C40379



C9103E



B34000

# Triad

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



C9103E



00790B



0072DD

# Complementary

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



C9103E



10C99B

# 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.



007CC3



C9103E



007D52

# Square

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



C9103E



536F00



007E90



255DD6

# Rectangle

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



C9103E



995500



007E90



0076D8



# Sweetspot

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



C9103E



FFB8C9



9B10C9



80545F



000000



808080



# Same Dimension

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



C9103E



FF003F



C93E10



635A5C



A30029



240009



# Inverse Universe

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



C9103E



FF003F



109BC9



635A5C



A30029



240009



# Previews

## White Background



This preview shows how the Hex color C9103E looks on a white background.

## Color Contrast Check

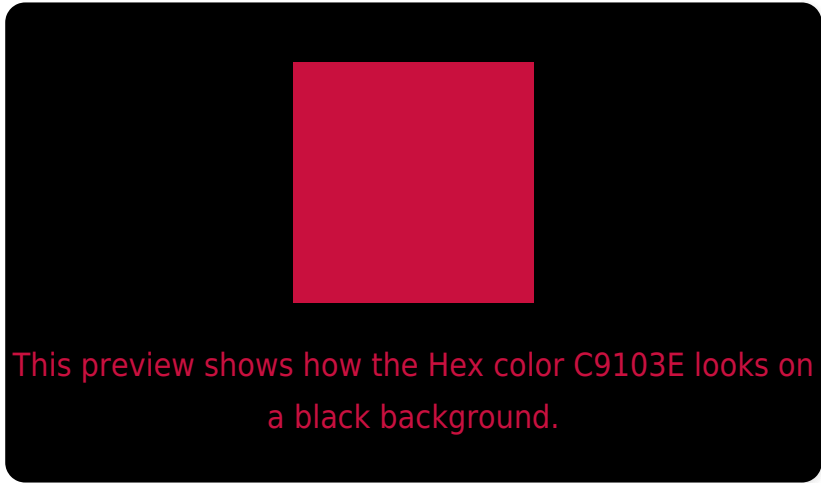
Large Text (above 18pt) WCAG AA ✓ Pass

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 C9103E Background



This preview shows how black text looks on a background with the Hex color C9103E.

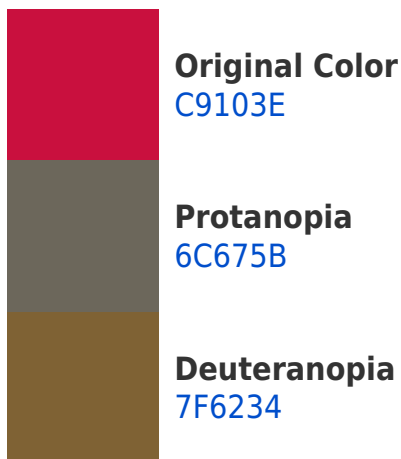


This preview shows how white text looks on a background with the Hex color C9103E.

# 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](#).

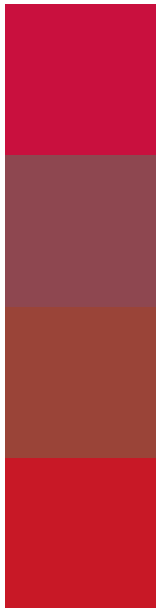
## Dichromacy





**Tritanopia**  
C81C19

# Trichromacy



**Original Color**  
C9103E

**Protanomaly**  
8E4750

**Deuteranomaly**  
9A4438

**Tritanomaly**  
C81826

# Monochromacy



**Original Color**  
C9103E

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
7A3748

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C9103E 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 #C9103E looks like.

```
.text, #text, p{  
    color:#C9103E  
}
```

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 #C9103E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9103E
}
```

## Border

The CSS property to change the border of an element to Hex C9103E 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".

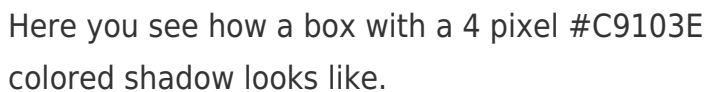
```
.border, #border, table{ border:4px solid
#C9103E }
```

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

```
.border{ border-color:#C9103E }
```

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

Here you see how a box with a 4 pixel #C9103E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9103E; -webkit-box-shadow:4px 4px  
4px 4px #C9103E; box-shadow:4px 4px 4px  
4px #C9103E }
```

# Background

The CSS property to change the background color of an element to Hex C9103E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9103E }
```

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

```
.background{ background-color:#C9103E }
```

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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