

# Converting Colors

Hex(D9163C)

Have a look what the booklet for  
Hex(D9163C) contains.

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# Color

Hex(D9163C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D9163C
RGB	217, 22, 60
RGB Percent	85%, 9%, 24%
CMY	0.1490, 0.9137, 0.7647
CMYK	0.00, 0.90, 0.72, 0.15
HSL	348°, 82%, 47%
HSV	348°, 90%, 85%
XYZ	29.7178, 15.6518, 5.7298
YIQ	84.6370, 104.0220, 53.1580

# Conversions

## Conversions Part 2

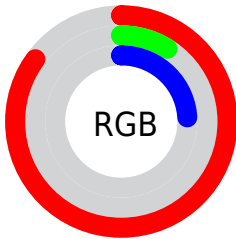
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">217, 22, 60</a>
Decimal	<a href="#">14227004</a>
CIELab	<a href="#">46.51, 69.90, 32.84</a>
CIELCh	<a href="#">47, 77.232, 25.161</a>
Yxy	<a href="#">15.6518, 0.5816, 0.3063</a>
Android (android.graphics.Color)	<a href="#">4292417084 (0xFFD9163C)</a>
YUV	<a href="#">84.6370, -12.1460, 116.0824</a>
Hunter-Lab	<a href="#">39.5623, 64.8487, 19.1067</a>

# Details

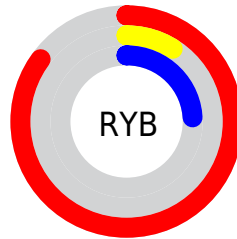
The Hex color **D9163C** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **16D9B3**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **FF5F6B**, and **990013** is the 20% darker color. If you saturate the color by 10%, you get **D9002B**, and if you desaturate by 10%, it is **D92C4D**.

# Distribution



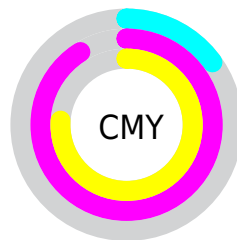
- Red (85%)
- Green (9%)
- Blue (24%)



- Red (85%)
- Yellow (9%)
- Blue (24%)



- Cyan (0%)
- Magenta (90%)
- Yellow (72%)
- Black (15%)



- Cyan (15%)
- Magenta (91%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D9163C 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 D9163C by changing the saturation by 10% instead.



 D9163C

 D9163C

FFFFFF

 B90026

 FF5F6B

 990013

 FF7D84

 7A0000

 FF9A9F

 5B0002

 FFB8BA

 3D0003

 FFD5D5

 180001

 FFF3F2

 000000

 D9163C

 D9163C

 D9002B

 D92C4D

 D9002A

 D9415F

 D95770

 D96D82

 D98393

 D998A5

 D9AEB6

 D9C4C8

 D9D9D9

# Harmonies

## Analogous

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



D7007C



D9163C



BE4900

# Triad

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



D9163C



008418



007AF1

# Complementary

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



D9163C



16D9B3

# 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.



0086D9



D9163C



008861

# Square

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



D9163C



517A00



0089A4



4562E5

# Rectangle

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



D9163C



A05F00



0089A4



007FED



# Sweetspot

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



D9163C



FFBAC8



B216D9



80575F



000000



808080



# Same Dimension

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



D9163C



FF0032



D95116



6E6365



AD0022



2E0009



# Inverse Universe

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



D9163C



FF0032



169ED9



6E6365



AD0022



2E0009



# Previews

## White Background



This preview shows how the Hex color D9163C looks on a white background.

## Color Contrast Check

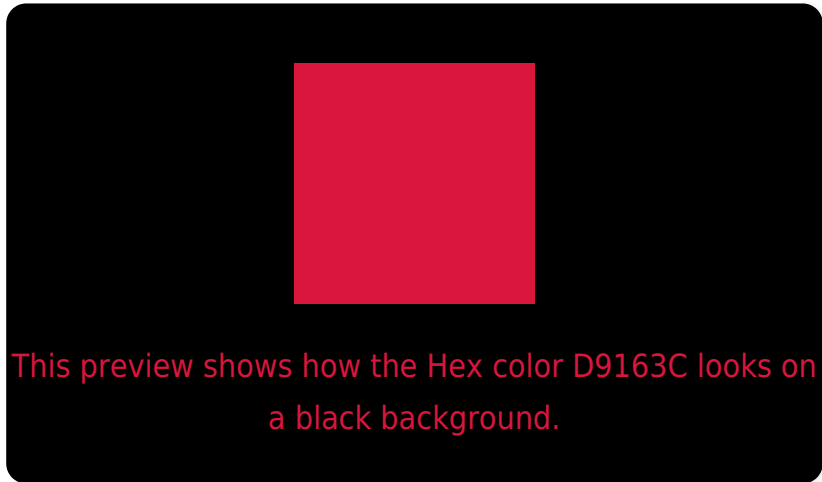
Large Text (above 18pt) WCAG AA ✓ Pass

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 D9163C Background



This preview shows how black text looks on a background with the Hex color D9163C.



This preview shows how white text looks on a background with the Hex color D9163C.

# 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**  
D9163C

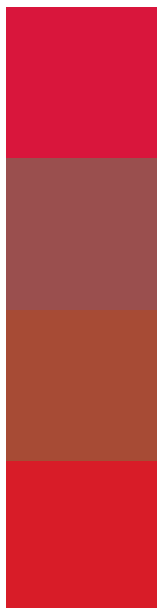
**Protanopia**  
766F58

**Deuteranopia**  
8A6A31



**Tritanopia**  
D81F1C

# Trichromacy



**Original Color**

D9163C

**Protanomaly**

9A4F4E

**Deuteranomaly**

A74B35

**Tritanomaly**

D81C28

# Monochromacy



**Original Color**

D9163C

**Achromatopsia**

555555

**Achromatomaly**

853E4C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D9163C 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 #D9163C looks like.

```
.text, #text, p{  
    color:#D9163C  
}
```

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 #D9163C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9163C
}
```

## Border

The CSS property to change the border of an element to Hex D9163C is called "border". The border property can be set on classes, ids or directly on the HTML element.

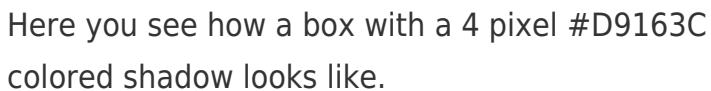
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D9163C }
```

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

```
.border{ border-color:#D9163C }
```

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



Here you see how a box with a 4 pixel #D9163C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9163C; -webkit-box-shadow:4px 4px  
4px 4px #D9163C; box-shadow:4px 4px 4px  
4px #D9163C }
```

# Background

The CSS property to change the background color of an element to Hex D9163C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9163C }
```

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

```
.background{ background-color:#D9163C }
```

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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