

# Converting Colors

Hex(C10033)

Have a look what the booklet for  
Hex(C10033) contains.

<b>Hex(C10033)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(C10033)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C10033
RGB	193, 0, 51
RGB Percent	76%, 0%, 20%
CMY	0.2431, 1.0000, 0.8000
CMYK	0.00, 1.00, 0.74, 0.24
HSL	344°, 100%, 38%
HSV	344°, 100%, 76%
XYZ	22.5899, 11.5765, 4.1758
YIQ	63.5210, 98.6570, 56.7770

# Conversions

## Conversions Part 2

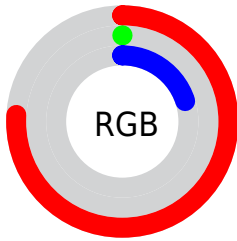
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	193, 0, 51
Decimal	12648499
CIE <sub>Lab</sub>	40.53, 66.03, 30.03
CIE <sub>LCh</sub>	41, 72.537, 24.454
Yxy	11.5765, 0.5892, 0.3019
Android (android.graphics.Color)	4290838579 (0xFFC10033)
YUV	63.5210, -6.1729, 113.5531
Hunter-Lab	34.0242, 58.9700, 16.5402

# Details

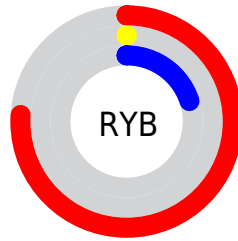
The Hex color **C10033** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **00C18E**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **FF5361**, and **830008** is the 20% darker color. If you saturate the color by 10%, you get **C10033**, and if you desaturate by 10%, it is **C11341**.

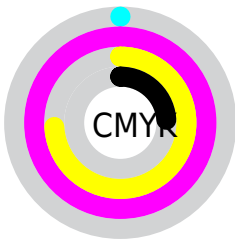
# Distribution



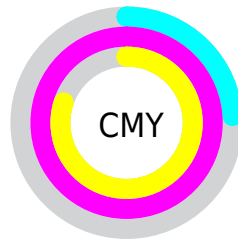
- Red (76%)
- Green (0%)
- Blue (20%)



- Red (76%)
- Yellow (0%)
- Blue (20%)



- Cyan (0%)
- Magenta (100%)
- Yellow (74%)
- Black (24%)



- Cyan (24%)
- Magenta (100%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C10033 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 C10033 by changing the saturation by 10% instead.



 C10033

 C10033

FFFFFF

 A2001E

 FF5361

 830008

 FF717A

 640000

 FF8E94

 470003

 FFABAE

 270001

 FFC8CA

 000000

 FFE6E6

 C10033

 C11341

 C1274F

 C13A5E

 C14D6C

 C1617A

 C17488

 C18796

 C19AA5

 C1AEB3

# Harmonies

## Analogous

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



BF006D



C10033



A83C00

# Triad

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



C10033



00730B



006BD8

# Complementary

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



C10033



00C18E

# 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.



0075C1



C10033



007752

# Square

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



C10033



466A00



007890



3155CE

# Rectangle

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



C10033



8E5100



007890



0070D4



# Sweetspot

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



C10033



FAAFC3



8E00C1



7D505C



FCFCFC



7D7D7D



# Same Dimension

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



C10033



FA0042



C12D00



61575A



A1002A



210009



# Inverse Universe

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



C10033



FA0042



0094C1



61575A



A1002A



210009



# Previews

## White Background



This preview shows how the Hex color C10033 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 C10033 Background



This preview shows how black text looks on a background with the Hex color C10033.



This preview shows how white text looks on a background with the Hex color C10033.

# 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



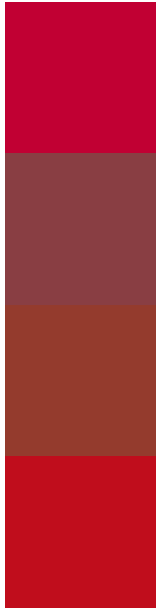
**Original Color**  
C10033

**Protanopia**  
69624C

**Deuteranopia**  
7A5D29



# Trichromacy



**Original Color**  
C10033

**Protanomaly**  
893E43

**Deuteranomaly**  
943B2D

**Tritanomaly**  
C00D1C

# Monochromacy



**Original Color**  
C10033

**Achromatopsia**  
404040

**Achromatomaly**  
6F293B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C10033 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 #C10033 looks like.

```
.text, #text, p{  
    color:#C10033  
}
```

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 #C10033 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C10033
}
```

## Border

The CSS property to change the border of an element to Hex C10033 is called "border". The border property can be set on classes, ids or directly on the HTML element.

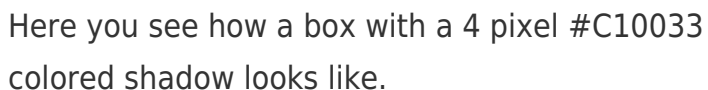
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C10033 }
```

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

```
.border{ border-color:#C10033 }
```

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



Here you see how a box with a 4 pixel `#C10033` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C10033; -webkit-box-shadow:4px 4px  
4px 4px #C10033; box-shadow:4px 4px 4px  
4px #C10033 }
```

# Background

The CSS property to change the background color of an element to Hex C10033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C10033 }
```

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

```
.background{ background-color:#C10033 }
```

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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