

# Converting Colors

Hex(C11843)

Have a look what the booklet for  
Hex(C11843) contains.

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**Color**

**Hex(C11843)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C11843
RGB	193, 24, 67
RGB Percent	76%, 9%, 26%
CMY	0.2431, 0.9059, 0.7373
CMYK	0.00, 0.88, 0.65, 0.24
HSL	345°, 78%, 43%
HSV	345°, 88%, 76%
XYZ	23.3321, 12.3960, 6.4731
YIQ	79.4330, 86.9210, 49.2010

# Conversions

## Conversions Part 2

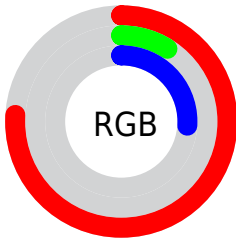
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	193, 24, 67
Decimal	12654659
CIE Lab	41.84, 63.77, 21.66
CIE LCh	42, 67.345, 18.765
Yxy	12.3960, 0.5529, 0.2937
Android (android.graphics.Color)	4290844739 (0xFFC11843)
YUV	79.4330, -6.1295, 99.5983
Hunter-Lab	35.2079, 56.6770, 13.7448

# Details

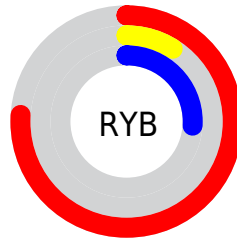
The Hex color **C11843** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **18C196**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **FF5C73**, and **830019** is the 20% darker color. If you saturate the color by 10%, you get **C10535**, and if you desaturate by 10%, it is **C12B51**.

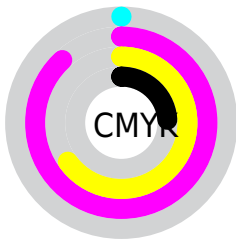
# Distribution



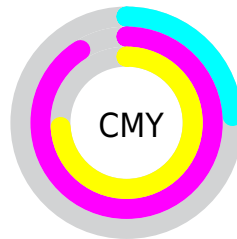
- Red (76%)
- Green (9%)
- Blue (26%)



- Red (76%)
- Yellow (9%)
- Blue (26%)



- Cyan (0%)
- Magenta (88%)
- Yellow (65%)
- Black (24%)



- Cyan (24%)
- Magenta (91%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C11843 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 C11843 by changing the saturation by 10% instead.



 C11843

 C11843

FFFFFF

 A2002D

 FF5C73

 830019

 FF788C

 660000

 FF95A6

 480003

 FFB2C1

 290001

 FFCFDD

 000000

 FFEDFA

 C11843

 C11843

 C10535

 C12B51

 C10031

 C13F60

 C1526E

 C1657D

 C1798B

 C18C99

 C19FA8

 C1B2B6

 C1C6C5

# Harmonies

## Analogous

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



B9197A



C11843



AE3D08

# Triad

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



C11843



007408



0070D1

# Complementary

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



C11843



18C196

# 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.



0078B6



C11843



00794B

# Square

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



C11843



586B00



007A85



0A5DCD

# Rectangle

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



C11843



975100



007A85



0073CB



# Sweetspot

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



C11843



FAB9C9



9418C1



7D5660



FCFCFC



7D7D7D



# Same Dimension

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



C11843



FA0040



C13F18



61575A



A10029



210008



# Inverse Universe

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



C11843



FA0040



189AC1



61575A



A10029



210008



# Previews

## White Background



This preview shows how the Hex color C11843 looks on a white background.

## Color Contrast Check

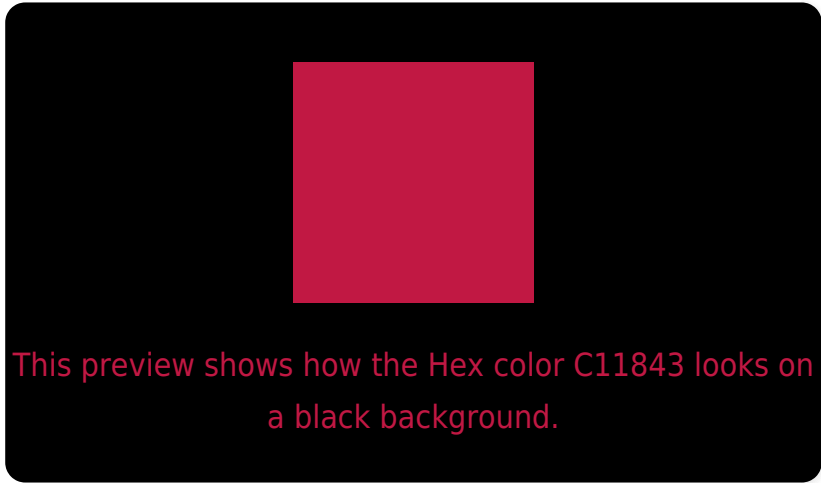
Large Text (above 18pt) WCAG AA ✓ Pass

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 C11843 Background



This preview shows how black text looks on a background with the Hex color C11843.



This preview shows how white text looks on a background with the Hex color C11843.

# 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



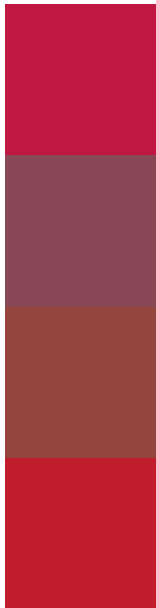
**Original Color**  
C11843

**Protanopia**  
676460

**Deuteranopia**  
7A603B



# Trichromacy



**Original Color**  
C11843

**Protanomaly**  
884855

**Deuteranomaly**  
94463E

**Tritanomaly**  
C01E2D

# Monochromacy



**Original Color**  
C11843

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
783B4B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C11843 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 #C11843 looks like.

```
.text, #text, p{  
    color:#C11843  
}
```

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 #C11843 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C11843
}
```

## Border

The CSS property to change the border of an element to Hex C11843 is called "border". The border property can be set on classes, ids or directly on the HTML element.

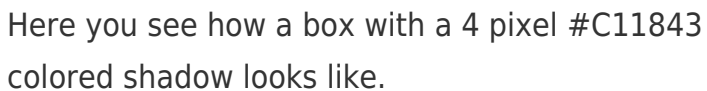
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C11843 }
```

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

```
.border{ border-color:#C11843 }
```

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



Here you see how a box with a 4 pixel `#C11843` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C11843; -webkit-box-shadow:4px 4px  
4px 4px #C11843; box-shadow:4px 4px 4px  
4px #C11843 }
```

# Background

The CSS property to change the background color of an element to Hex C11843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C11843 }
```

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

```
.background{ background-color:#C11843 }
```

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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