

Converting Colors

Hex(C41837)

Have a look what the booklet for
Hex(C41837) contains.

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Color

Hex(C41837)

Conversions

Conversions Part 1

Format	Color
Hex	C41837
RGB	196, 24, 55
RGB Percent	77%, 9%, 22%
CMY	0.2314, 0.9059, 0.7843
CMYK	0.00, 0.88, 0.72, 0.23
HSL	349°, 78%, 43%
HSV	349°, 88%, 77%
XYZ	23.7812, 12.6649, 4.8056
YIQ	78.9620, 92.5610, 46.1050

Conversions

Conversions Part 2

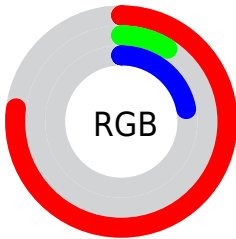
Format	Color
R_{YB}	196, 24, 55
Decimal	12851255
CIE Lab	42.25, 63.97, 29.76
CIE LCh	42, 70.555, 24.947
Yxy	12.6649, 0.5765, 0.3070
Android (android.graphics.Color)	4291041335 (0xFFC41837)
YUV	78.9620, -11.8133, 102.6423
Hunter-Lab	35.5877, 57.0025, 16.9052

Details

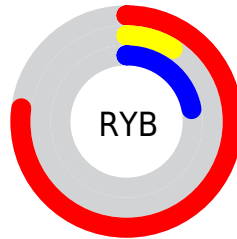
The Hex color **C41837** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **18C4A5**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **FF5C66**, and **86000D** is the 20% darker color. If you saturate the color by 10%, you get **C40427**, and if you desaturate by 10%, it is **C42C47**.

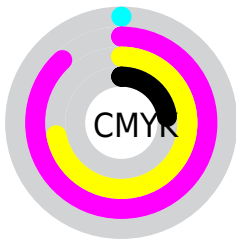
Distribution



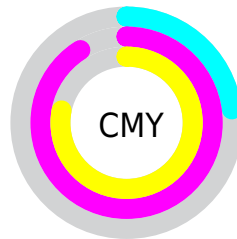
- Red (77%)
- Green (9%)
- Blue (22%)



- Red (77%)
- Yellow (9%)
- Blue (22%)



- Cyan (0%)
- Magenta (88%)
- Yellow (72%)
- Black (23%)



- Cyan (23%)
- Magenta (91%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color C41837 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 C41837 by changing the saturation by 10% instead.

 C41837

 C41837

FFFFFF

 A50022

 FF5C66

 86000D

 FF797F

 670000

 FF9599

 4A0002

 FFB2B3

 2B0001

 FFCFCF

 000000

 FFEDEB

 C41837

 C41837

 C40427

 C42C47

 C40023

 C43F57

 C45367

 C46677

 C47A87

 C48E97

 C4A1A7

 C4B5B8

 C4C8C8

Harmonies

Analogous

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



C20070



C41837



AC4300

Triad

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



C41837



007716



006FD9

Complementary

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



C41837



18C4A5

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.



0079C3



C41837



007B58

Square

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



C41837



4A6F00



007C94



3F59CF

Rectangle

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



C41837



925600



007C94



0073D5

Sweetspot

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



C41837



FFBDC9



A418C4



80585F



000000



808080

Same Dimension

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



C41837



FF002E



C44E18



615759



A1001D



210006

Inverse Universe

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



C41837



FF002E



188EC4



615759



A1001D



210006

Previews

White Background



This preview shows how the Hex color C41837 looks on a white background.

Color Contrast Check

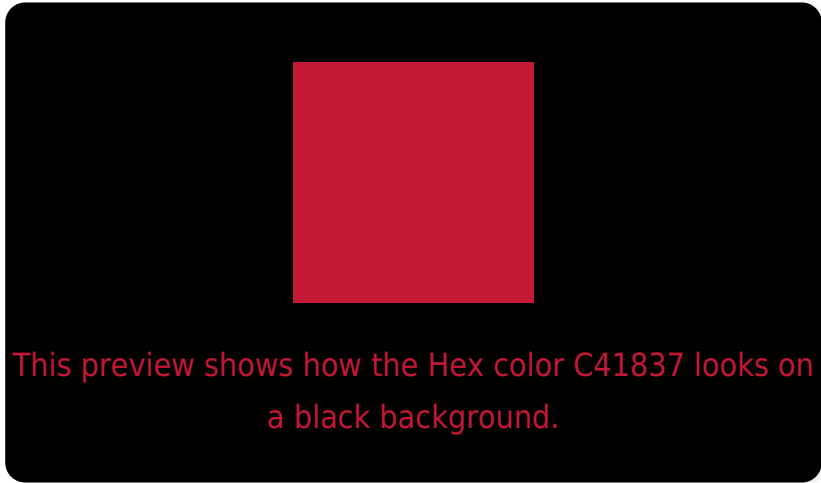
Large Text (above 18pt) WCAG AA ✓ Pass

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 C41837 Background



This preview shows how black text looks on a background with the Hex color C41837.

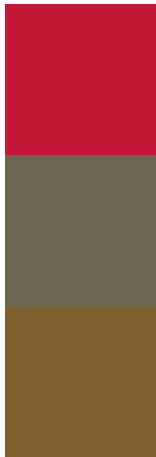


This preview shows how white text looks on a background with the Hex color C41837.

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
C41837

Protanopia
6C6550

Deuteranopia
7D602D

Trichromacy



Original Color
C41837

Protanomaly
8C4947

Deuteranomaly
974631

Tritanomaly
C31C26

Monochromacy



Original Color
C41837

Achromatopsia
4F4F4F

Achromatomaly
7A3B46

CSS Examples

Text

The CSS property to change the color of the text to Hex C41837 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 #C41837 looks like.

```
.text, #text, p{  
    color:#C41837  
}
```

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 #C41837 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C41837
}
```

Border

The CSS property to change the border of an element to Hex C41837 is called "border". The border property can be set on classes, ids or directly on the HTML element.

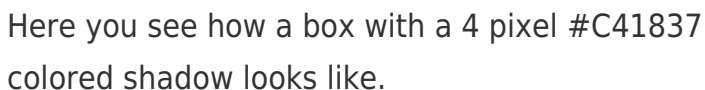
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C41837 }
```

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

```
.border{ border-color:#C41837 }
```

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



Here you see how a box with a 4 pixel `#C41837` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C41837; -webkit-box-shadow:4px 4px  
4px 4px #C41837; box-shadow:4px 4px 4px  
4px #C41837 }
```

Background

The CSS property to change the background color of an element to Hex C41837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C41837 }
```

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

```
.background{ background-color:#C41837 }
```

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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