

# Converting Colors

Hex(C43240)

Have a look what the booklet for  
Hex(C43240) contains.

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# Color

**Hex(C43240)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C43240
RGB	196, 50, 64
RGB Percent	77%, 20%, 25%
CMY	0.2314, 0.8039, 0.7490
CMYK	0.00, 0.74, 0.67, 0.23
HSL	354°, 59%, 48%
HSV	354°, 74%, 77%
XYZ	24.8310, 14.3871, 6.3187
YIQ	95.2500, 82.5220, 35.3060

# Conversions

## Conversions Part 2

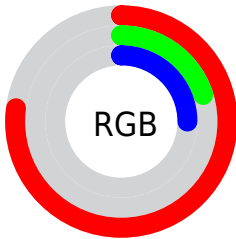
Format	Color
<a href="#">RYB</a>	196, 50, 64
Decimal	12857920
CIELab	44.78, 57.64, 27.37
CIElCh	45, 63.806, 25.398
Yxy	14.3871, 0.5453, 0.3159
Android (android.graphics.Color)	4291048000 (0xFFC43240)
YUV	95.2500, -15.4062, 88.3577
Hunter-Lab	37.9304, 50.4762, 16.6743

# Details

The Hex color **C43240** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **32C4B6**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FF6C70**, and **870016** is the 20% darker color. If you saturate the color by 10%, you get **C41E2E**, and if you desaturate by 10%, it is **C44652**.

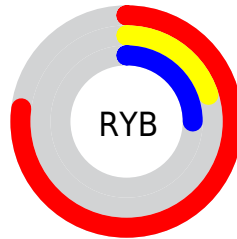
# Distribution



Red (77%)

Green (20%)

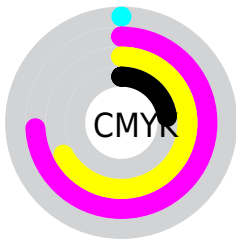
Blue (25%)



Red (77%)

Yellow (20%)

Blue (25%)

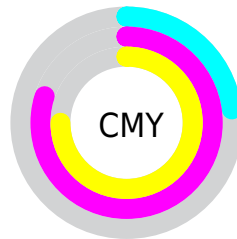


Cyan (0%)

Magenta (74%)

Yellow (67%)

Black (23%)



Cyan (23%)

Magenta (80%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C43240 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 C43240 by changing the saturation by 10% instead.



 C43240

 C43240

FFFFFF

 A5092A

 FF6C70

 870016

 FF8889

 690000

 FFA4A3

 4B0001

 FFC0BE

 2E0002

 FFDDDA

 000000

 FFFBF7

 C43240

 C43240

 C41E2E

 C44652

 C40B1D

 C45963

 C40013

 C46D75

 C48087

 C49499

 C4A8AA

 C4BBBC

 C4CFCE

 C4E2DF

# Harmonies

## Analogous

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



C22A75



C43240



AE4E08

# Triad

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



C43240



007D28



0073D5

# Complementary

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



C43240



32C4B6

# 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.



007EC1



C43240



008160

# Square

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



C43240



557400



008196



525FCB

# Rectangle

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



C43240



965E00



008196



0078D2



# Sweetspot

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



C43240



FFC7CC



B532C4



805E62



000000



808080



# Same Dimension

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



C43240



FF1C32



C46C32



615758



A1000F



210003



# Inverse Universe

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



C43240



FF1C32



328AC4



615758



A1000F



210003



# Previews

## White Background



This preview shows how the Hex color C43240 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 C43240 Background



This preview shows how black text looks on a background with the Hex color C43240.

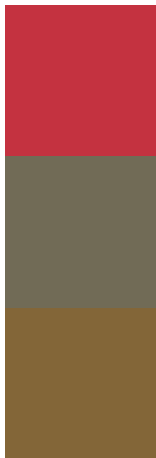


This preview shows how white text looks on a background with the Hex color C43240.

# 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**  
C43240

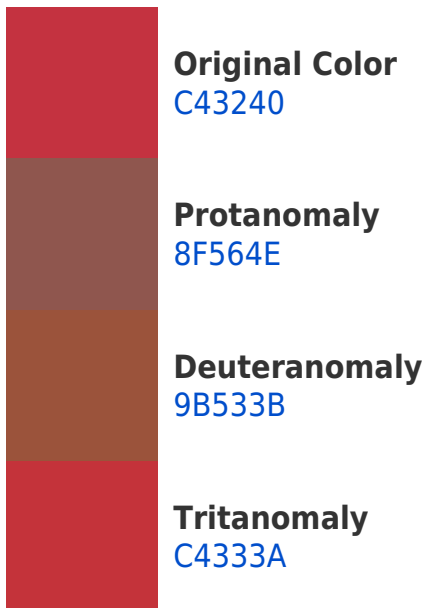
**Protanopia**  
716B56

**Deuteranopia**  
836638

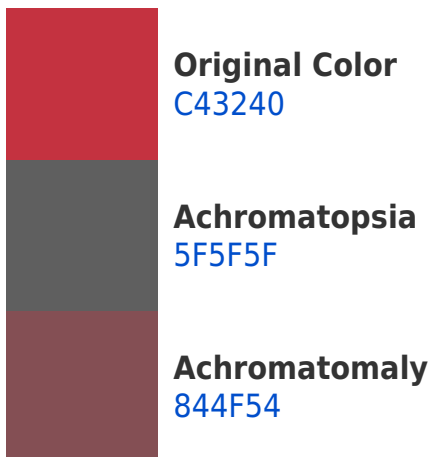


**Tritanopia**  
C43436

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C43240 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 #C43240 looks like.

```
.text, #text, p{  
    color:#C43240  
}
```

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 #C43240 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C43240
}
```

## Border

The CSS property to change the border of an element to Hex C43240 is called "border". The border property can be set on classes, ids or directly on the HTML element.

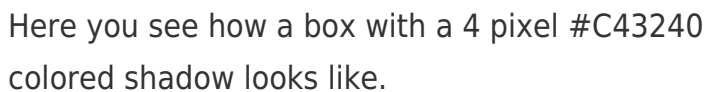
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C43240 }
```

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

```
.border{ border-color:#C43240 }
```

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



Here you see how a box with a 4 pixel #C43240 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C43240; -webkit-box-shadow:4px 4px  
4px 4px #C43240; box-shadow:4px 4px 4px  
4px #C43240 }
```

# Background

The CSS property to change the background color of an element to Hex C43240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C43240 }
```

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

```
.background{ background-color:#C43240 }
```

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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