

# Converting Colors

Hex(C3203B)

Have a look what the booklet for  
Hex(C3203B) contains.

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# Color

**Hex(C3203B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C3203B
RGB	195, 32, 59
RGB Percent	76%, 13%, 23%
CMY	0.2353, 0.8745, 0.7686
CMYK	0.00, 0.84, 0.70, 0.24
HSL	350°, 72%, 45%
HSV	350°, 84%, 76%
XYZ	23.8116, 12.9509, 5.3824
YIQ	83.8150, 88.4810, 42.9530

# Conversions

## Conversions Part 2

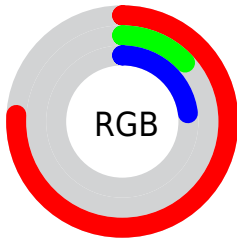
<b>Format</b>	<b>Color</b>
<b>RYB</b>	195, 32, 59
Decimal	12787771
CIELab	42.69, 62.23, 27.79
CIELCh	43, 68.152, 24.062
Yxy	12.9509, 0.5650, 0.3073
Android (android.graphics.Color)	4290977851 (0xFFC3203B)
YUV	83.8150, -12.2338, 97.5092
Hunter-Lab	35.9873, 55.1295, 16.3235

# Details

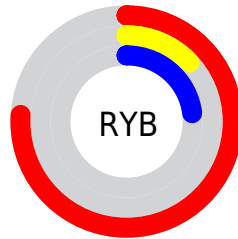
The Hex color **C3203B** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark muted red. A complement of this color would be **20C3A8**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **FF606A**, and **850012** is the 20% darker color. If you saturate the color by 10%, you get **C30C2B**, and if you desaturate by 10%, it is **C3334B**.

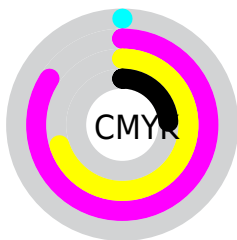
# Distribution



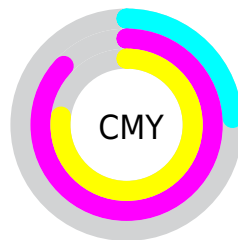
- Red (76%)
- Green (13%)
- Blue (23%)



- Red (76%)
- Yellow (13%)
- Blue (23%)



- Cyan (0%)
- Magenta (84%)
- Yellow (70%)
- Black (24%)



- Cyan (24%)
- Magenta (87%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C3203B 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 C3203B by changing the saturation by 10% instead.



 C3203B

 C3203B

FFFFFF

 A40025

 FF606A

 850012

 FF7C83

 670000

 FF999D

 490002

 FFB5B8

 2B0001

 FFD3D4

 000000

 FFF0F0

 C3203B

 C3203B

 C30C2B

 C3334B

 C30020

 C3475C

 C35B6C

 C36E7C

 C3828C

 C3959D

 C3A9AD

 C3BCBD

 C3CFCD

# Harmonies

## Analogous

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



C01473



C3203B



AC4400

# Triad

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



C3203B



007819



0070D6

# Complementary

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



C3203B



20C3A8

# 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.



007AC0



C3203B



007C57

# Square

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



C3203B



4F6F00



007D91



3F5BCD

# Rectangle

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



C3203B



935700



007D91



0074D2



# Sweetspot

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



C3203B



FCBDC8



A820C3



805960



000000



808080



# Same Dimension

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



C3203B



FC002A



C35620



615759



A1001B



210005



# Inverse Universe

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



C3203B



FC002A



208DC3



615759



A1001B



210005



# Previews

## White Background



This preview shows how the Hex color C3203B looks on a white background.

## Color Contrast Check

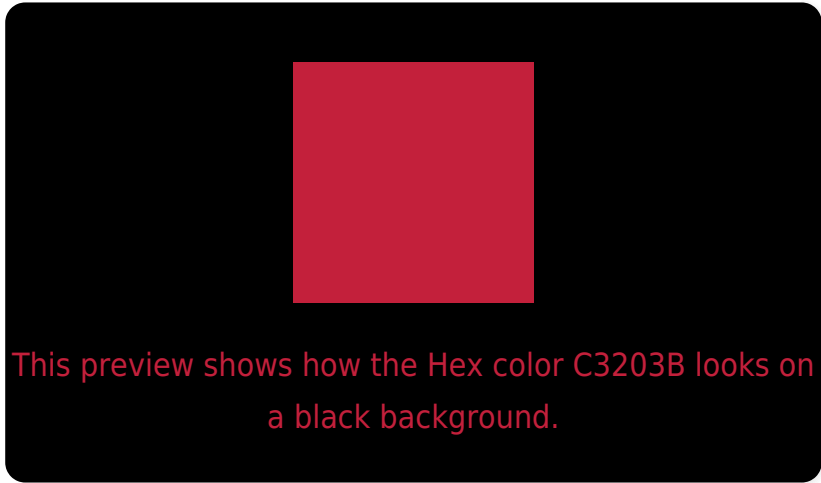
Large Text (above 18pt) WCAG AA ✓ Pass

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 C3203B Background



This preview shows how black text looks on a background with the Hex color C3203B.

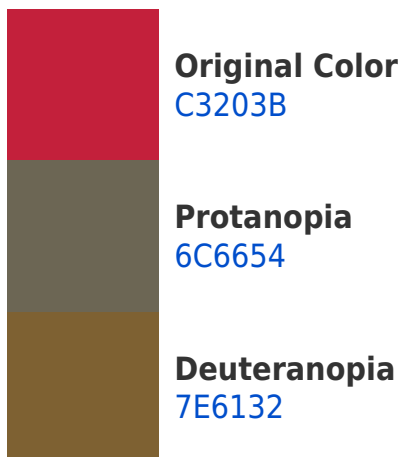


This preview shows how white text looks on a background with the Hex color C3203B.

# 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





# Trichromacy



**Original Color**  
C3203B

**Protanomaly**  
8C4D4B

**Deuteranomaly**  
974935

**Tritanomaly**  
C2232D

# Monochromacy



**Original Color**  
C3203B

**Achromatopsia**  
545454

**Achromatomaly**  
7C414B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C3203B 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 #C3203B looks like.

```
.text, #text, p{  
    color:#C3203B  
}
```

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 #C3203B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3203B
}
```

## Border

The CSS property to change the border of an element to Hex C3203B is called "border". The border property can be set on classes, ids or directly on the HTML element.

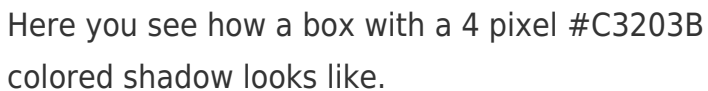
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C3203B }
```

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

```
.border{ border-color:#C3203B }
```

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



Here you see how a box with a 4 pixel `#C3203B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3203B; -webkit-box-shadow:4px 4px  
4px 4px #C3203B; box-shadow:4px 4px 4px  
4px #C3203B }
```

# Background

The CSS property to change the background color of an element to Hex C3203B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3203B }
```

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

```
.background{ background-color:#C3203B }
```

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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