

# Converting Colors

Hex(CB273B)

Have a look what the booklet for  
Hex(CB273B) contains.

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# Color

Hex(CB273B)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB273B
RGB	203, 39, 59
RGB Percent	80%, 15%, 23%
CMY	0.2039, 0.8471, 0.7686
CMYK	0.00, 0.81, 0.71, 0.20
HSL	353°, 68%, 47%
HSV	353°, 81%, 80%
XYZ	26.1435, 14.4633, 5.5515
YIQ	90.3160, 91.3240, 40.9880

# Conversions

## Conversions Part 2

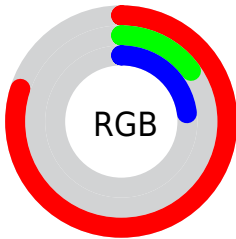
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 39, 59
Decimal	13313851
CIE Lab	44.89, 62.71, 30.82
CIE LCh	45, 69.878, 26.173
Yxy	14.4633, 0.5664, 0.3133
Android (android.graphics.Color)	4291503931 (0xFFCB273B)
YUV	90.3160, -15.4388, 98.8239
Hunter-Lab	38.0307, 56.1531, 17.9667

# Details

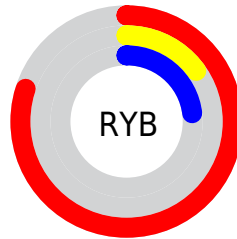
The Hex color **CB273B** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark muted red. A complement of this color would be **27CBB7**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **FF656A**, and **8D0011** is the 20% darker color. If you saturate the color by 10%, you get **CB1329**, and if you desaturate by 10%, it is **CB3B4D**.

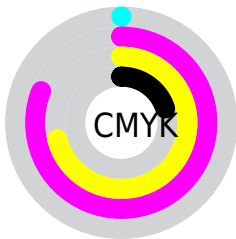
# Distribution



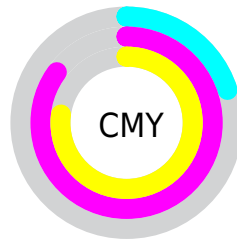
- Red (80%)
- Green (15%)
- Blue (23%)



- Red (80%)
- Yellow (15%)
- Blue (23%)



- Cyan (0%)
- Magenta (81%)
- Yellow (71%)
- Black (20%)



- Cyan (20%)
- Magenta (85%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB273B 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 CB273B by changing the saturation by 10% instead.



 CB273B

 CB273B

FFFFFF

 AC0025

 FF656A

 8D0011

 FF8283

 6E0000

 FF9E9E

 500001

 FFBBB8

 320002

 FFD8D4

 000000

 FFF6F1

 CB273B

 CB273B

 CB1329

 CB3B4D

 CB0019

 CB505F

 CB6470

 CB7882

 CB8D94

 CBA1A6

 CBB5B8

 CBC9CA

 CBDEDB

# Harmonies

## Analogous

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



CA1774



CB273B



B24B00

# Triad

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



CB273B



007E22



0074E0

# Complementary

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



CB273B



27CBB7

# 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.



007FCB



CB273B



008261

# Square

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



CB273B



4F7600



00839C



505ED4

# Rectangle

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



CB273B



975E00



00839C



0079DD



# Sweetspot

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



CB273B



FFC2C9



B527CB



805B5F



000000



808080



# Same Dimension

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



CB273B



FF0826



CB6327



665C5D



A60014



260005



# Inverse Universe

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



CB273B



FF0826



278FCB



665C5D



A60014



260005



# Previews

## White Background



This preview shows how the Hex color CB273B looks on a white background.

## Color Contrast Check

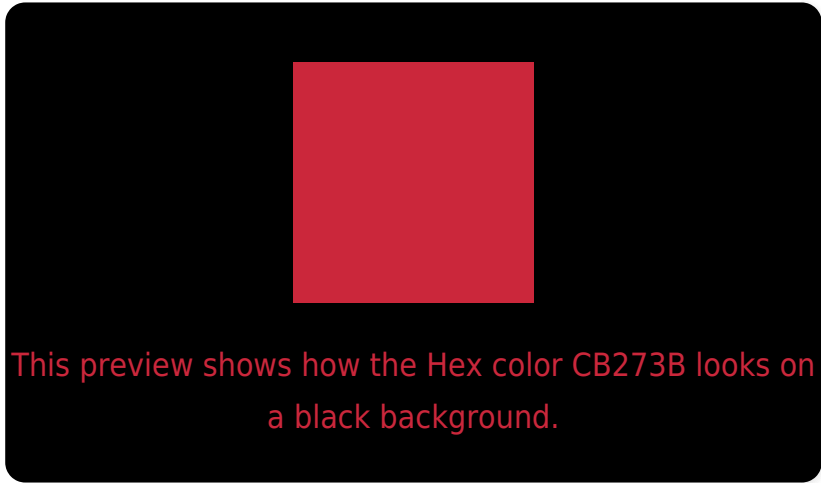
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB273B Background



This preview shows how black text looks on a background with the Hex color CB273B.

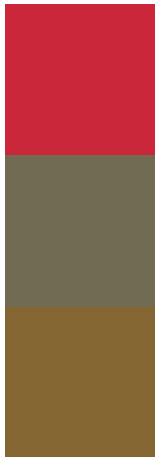


This preview shows how white text looks on a background with the Hex color CB273B.

# 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



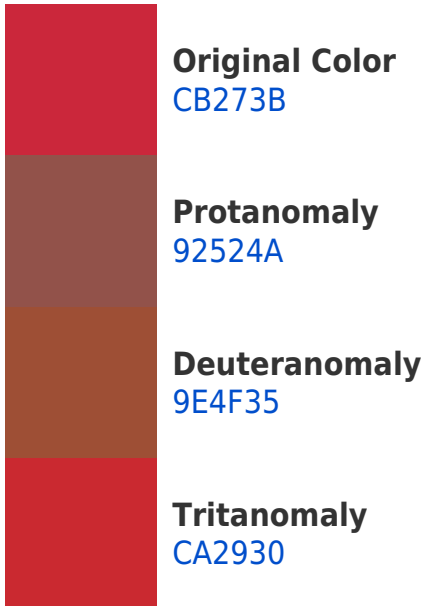
**Original Color**  
CB273B

**Protanopia**  
726B53

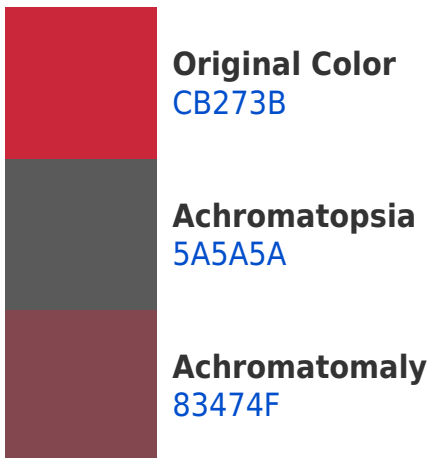
**Deuteranopia**  
846632



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB273B 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 #CB273B looks like.

```
.text, #text, p{  
    color:#CB273B  
}
```

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 #CB273B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB273B
}
```

## Border

The CSS property to change the border of an element to Hex CB273B is called "border". The border property can be set on classes, ids or directly on the HTML element.

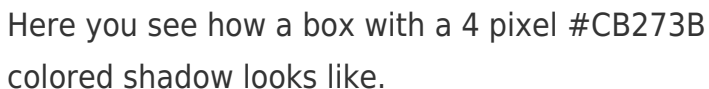
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CB273B }
```

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

```
.border{ border-color:#CB273B }
```

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



Here you see how a box with a 4 pixel `#CB273B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB273B; -webkit-box-shadow:4px 4px  
4px 4px #CB273B; box-shadow:4px 4px 4px  
4px #CB273B }
```

# Background

The CSS property to change the background color of an element to Hex CB273B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB273B }
```

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

```
.background{ background-color:#CB273B }
```

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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