

# Converting Colors

Hex(C23851)

Have a look what the booklet for  
Hex(C23851) contains.

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# Color

**Hex(C23851)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C23851
RGB	194, 56, 81
RGB Percent	76%, 22%, 32%
CMY	0.2392, 0.7804, 0.6824
CMYK	0.00, 0.71, 0.58, 0.24
HSL	349°, 55%, 49%
HSV	349°, 71%, 76%
XYZ	25.1475, 14.8918, 9.3336
YIQ	100.1120, 74.2230, 37.0310

# Conversions

## Conversions Part 2

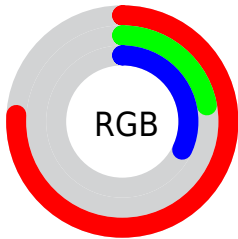
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 56, 81
Decimal	12728401
CIELab	45.49, 55.96, 17.83
CIElCh	45, 58.734, 17.667
Yxy	14.8918, 0.5093, 0.3016
Android (android.graphics.Color)	4290918481 (0xFFC23851)
YUV	100.1120, -9.4222, 82.3398
Hunter-Lab	38.5898, 48.7893, 12.6727

# Details

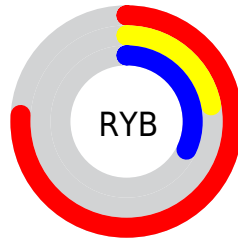
The Hex color **C23851** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **38C2A9**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **FF7082**, and **860025** is the 20% darker color. If you saturate the color by 10%, you get **C22541**, and if you desaturate by 10%, it is **C24B61**.

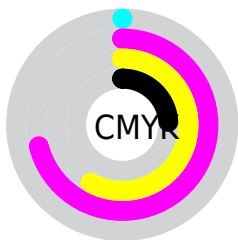
# Distribution



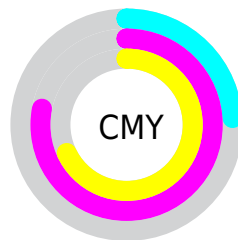
- Red (76%)
- Green (22%)
- Blue (32%)



- Red (76%)
- Yellow (22%)
- Blue (32%)



- Cyan (0%)
- Magenta (71%)
- Yellow (58%)
- Black (24%)



- Cyan (24%)
- Magenta (78%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C23851 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 C23851 by changing the saturation by 10% instead.



 C23851

 C23851

FFFFFF

 A4163A

 FF7082

 860025

 FF8C9C

 680011

 FFA8B7

 4C0000

 FFC5D2

 2F0002

 FFE2EF

 000000

 C23851

 C23851

 C22541

 C24B61

 C21131

 C25F71

 C20023

 C27281

 C28691

 C299A0

 C2ACB0

 C2C0C0

 C2D3D0

 C2E7E0

# Harmonies

## Analogous

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



B93A82



C23851



B34C23

# Triad

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



C23851



267C23



0077CC

# Complementary

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



C23851



38C2A9

# 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.



007FB4



C23851



008155

# Square

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



C23851



677200



008288



3967CA

# Rectangle

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



C23851



9F5B00



008288



007BC7



# Sweetspot

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



C23851



FCC7D1



A938C2



806065



000000



808080



# Same Dimension

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



C23851



FC264D



C26438



615759



A1001D



210006



# Inverse Universe

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



C23851



FC264D



3896C2



615759



A1001D



210006



# Previews

## White Background



This preview shows how the Hex color C23851 looks on a white background.

## Color Contrast Check

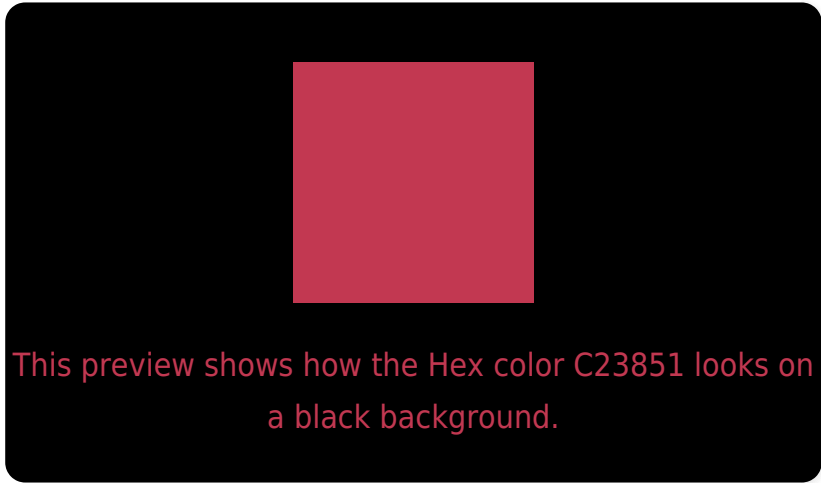
Large Text (above 18pt) WCAG AA ✓ Pass

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 C23851 Background



This preview shows how black text looks on a background with the Hex color C23851.



This preview shows how white text looks on a background with the Hex color C23851.

# 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**  
C23851

**Protanopia**  
6F6C69

**Deuteranopia**  
82684A



# Trichromacy



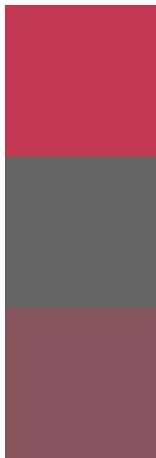
**Original Color**  
C23851

**Protanomaly**  
8D5960

**Deuteranomaly**  
99574D

**Tritanomaly**  
C13B46

# Monochromacy



**Original Color**  
C23851

**Achromatopsia**  
646464

**Achromatomaly**  
86545D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C23851 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 #C23851 looks like.

```
.text, #text, p{  
    color:#C23851  
}
```

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 #C23851 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C23851
}
```

## Border

The CSS property to change the border of an element to Hex C23851 is called "border". The border property can be set on classes, ids or directly on the HTML element.

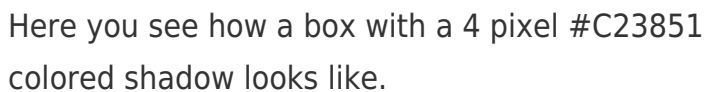
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C23851 }
```

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

```
.border{ border-color:#C23851 }
```

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



Here you see how a box with a 4 pixel `#C23851` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C23851; -webkit-box-shadow:4px 4px  
4px 4px #C23851; box-shadow:4px 4px 4px  
4px #C23851 }
```

# Background

The CSS property to change the background color of an element to Hex C23851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C23851 }
```

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

```
.background{ background-color:#C23851 }
```

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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