

# Converting Colors

Hex(C23451)

Have a look what the booklet for  
Hex(C23451) contains.

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# Color

**Hex(C23451)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C23451
RGB	194, 52, 81
RGB Percent	76%, 20%, 32%
CMY	0.2392, 0.7961, 0.6824
CMYK	0.00, 0.73, 0.58, 0.24
HSL	348°, 58%, 48%
HSV	348°, 73%, 76%
XYZ	24.9613, 14.5194, 9.2715
YIQ	97.7640, 75.3230, 39.1230

# Conversions

## Conversions Part 2

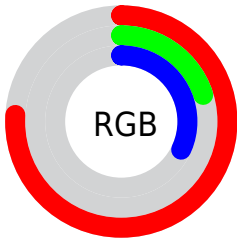
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 52, 81
Decimal	12727377
CIELab	44.97, 57.40, 17.13
CIElCh	45, 59.899, 16.617
Yxy	14.5194, 0.5120, 0.2978
Android (android.graphics.Color)	4290917457 (0xFFC23451)
YUV	97.7640, -8.2647, 84.3990
Hunter-Lab	38.1043, 50.2490, 12.2467

# Details

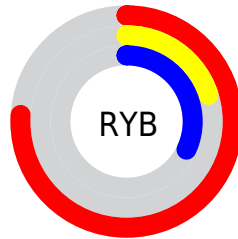
The Hex color **C23451** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **34C2A5**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **FF6D82**, and **860025** is the 20% darker color. If you saturate the color by 10%, you get **C22142**, and if you desaturate by 10%, it is **C24760**.

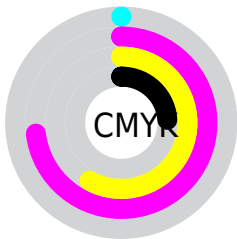
# Distribution



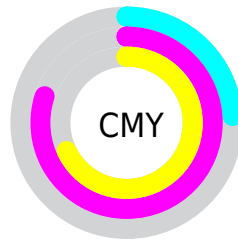
- Red (76%)
- Green (20%)
- Blue (32%)



- Red (76%)
- Yellow (20%)
- Blue (32%)



- Cyan (0%)
- Magenta (73%)
- Yellow (58%)
- Black (24%)



- Cyan (24%)
- Magenta (80%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C23451 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 C23451 by changing the saturation by 10% instead.



 C23451

 C23451

FFFFFF

 A40E3A

 FF6D82

 860025

 FF899C

 680011

 FFA5B7

 4B0001

 FFC2D2

 2F0002

 FFDFEF

 000000

 FFFDFD

 C23451

 C23451

 C22142

 C24760

 C20D32

 C25B70

 C20028

 C26E7F

 C2828F

 C2959E

 C2A8AE

 C2BCBD

 C2CFCD

 C2E3DC

# Harmonies

## Analogous

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



B83783



C23451



B34922

# Triad

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



C23451



257A1D



0077CC

# Complementary

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



C23451



34C2A5

# 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.



007FB2



C23451



007F52

# Square

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



C23451



677100



008186



2D67CB

# Rectangle

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



C23451



9F5900



008186



007AC6



# Sweetspot

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



C23451



FCC5D0



A334C2



805E65



000000



808080



# Same Dimension

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



C23451



FC1E4C



C25C34



615759



A10021



210007



# Inverse Universe

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



C23451



FC1E4C



349AC2



615759



A10021



210007



# Previews

## White Background



This preview shows how the Hex color C23451 looks on a white background.

## Color Contrast Check

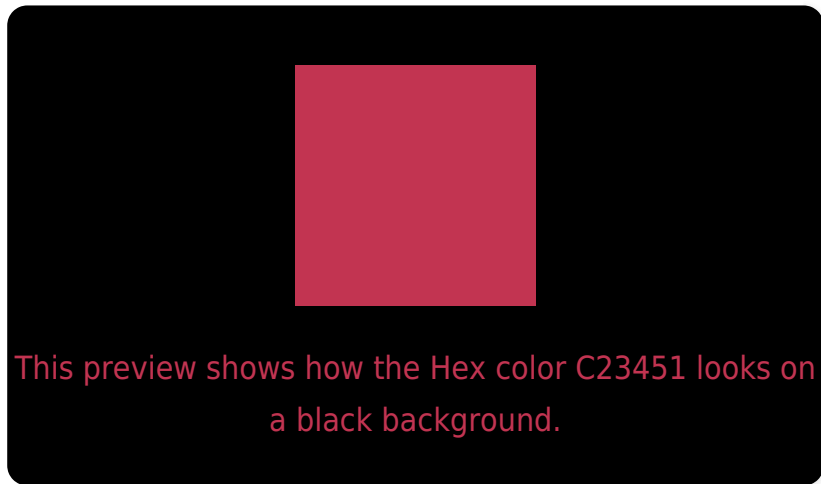
Large Text (above 18pt) WCAG AA ✓ Pass

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 C23451 Background



This preview shows how black text looks on a background with the Hex color C23451.

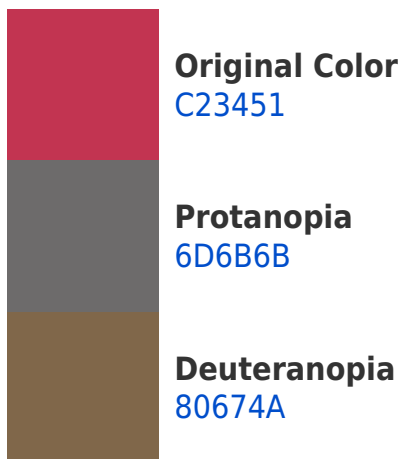


This preview shows how white text looks on a background with the Hex color C23451.

# 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](#).

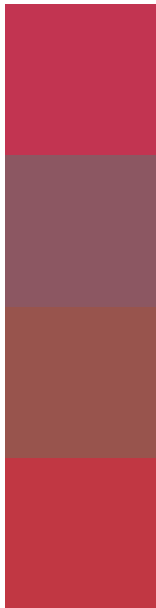
## Dichromacy





**Tritanopia**  
C1383B

# Trichromacy



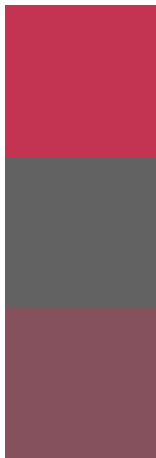
**Original Color**  
C23451

**Protanomaly**  
8C5762

**Deuteranomaly**  
98544D

**Tritanomaly**  
C13743

# Monochromacy



**Original Color**  
C23451

**Achromatopsia**  
626262

**Achromatomaly**  
85515C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C23451 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 #C23451 looks like.

```
.text, #text, p{  
    color:#C23451  
}
```

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 #C23451 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C23451
}
```

## Border

The CSS property to change the border of an element to Hex C23451 is called "border". The border property can be set on classes, ids or directly on the HTML element.

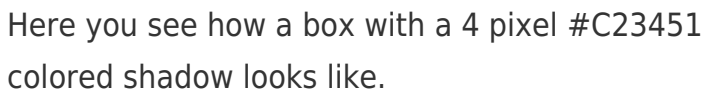
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C23451 }
```

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

```
.border{ border-color:#C23451 }
```

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



Here you see how a box with a 4 pixel `#C23451` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C23451; -webkit-box-shadow:4px 4px  
4px 4px #C23451; box-shadow:4px 4px 4px  
4px #C23451 }
```

# Background

The CSS property to change the background color of an element to Hex C23451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C23451 }
```

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

```
.background{ background-color:#C23451 }
```

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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