

Converting Colors

Hex(C23D57)

Have a look what the booklet for
Hex(C23D57) contains.

Hex(C23D57)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C23D57)

Conversions

Conversions Part 1

Format	Color
Hex	C23D57
RGB	194, 61, 87
RGB Percent	76%, 24%, 34%
CMY	0.2392, 0.7608, 0.6588
CMYK	0.00, 0.69, 0.55, 0.24
HSL	348°, 52%, 50%
HSV	348°, 69%, 76%
XYZ	25.6372, 15.4949, 10.6564
YIQ	103.7310, 70.9220, 36.2820

Conversions

Conversions Part 2

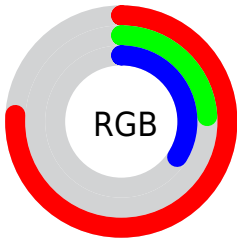
Format	Color
RYB	194, 61, 87
Decimal	12729687
CIELab	46.30, 54.50, 15.25
CIELCh	46, 56.597, 15.636
Yxy	15.4949, 0.4950, 0.2992
Android (android.graphics.Color)	4290919767 (0xFFC23D57)
YUV	103.7310, -8.2484, 79.1659
Hunter-Lab	39.3636, 47.3692, 11.5037

Details

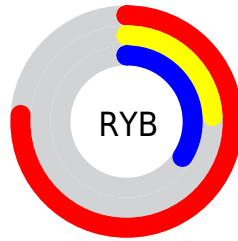
The Hex color **C23D57** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **3DC2A8**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **FF7589**, and **86002A** is the 20% darker color. If you saturate the color by 10%, you get **C22A47**, and if you desaturate by 10%, it is **C25067**.

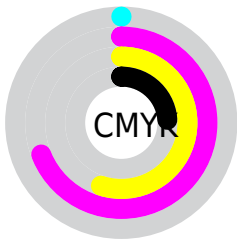
Distribution



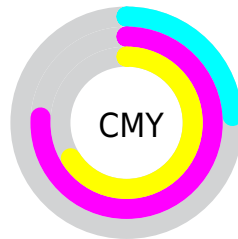
- Red (76%)
- Green (24%)
- Blue (34%)



- Red (76%)
- Yellow (24%)
- Blue (34%)



- Cyan (0%)
- Magenta (69%)
- Yellow (55%)
- Black (24%)



- Cyan (24%)
- Magenta (76%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color C23D57 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 C23D57 by changing the saturation by 10% instead.

 C23D57

 C23D57

FFFFFF

 A41E40

 FF7589

 86002A

 FF90A3

 690016

 FFACBE

 4D0000

 FFC9DA

 310002

 FFE6F6

 000000

 C23D57

 C23D57

 C22A47

 C25067

 C21638

 C26476

 C20328

 C27786

 C20026

 C28B95

 C29EA5

 C2B1B5

 C2C5C4

 C2D8D4

 C2ECE3

Harmonies

Analogous

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



B74087



C23D57



B54E2B

Triad

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



C23D57



337D25



007ACA

Complementary

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



C23D57



3DC2A8

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.



0081B1



C23D57



008254

Square

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



C23D57



6D7300



008386



366BCA

Rectangle

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



C23D57



A25D0D



008386



007DC4

Sweetspot

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



C23D57



FCC7D2



A73DC2



806066



000000



808080

Same Dimension

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



C23D57



FC2D56



C2653D



615759



A1001F



210006

Inverse Universe

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



C23D57



FC2D56



3D9AC2



615759



A1001F



210006

Previews

White Background



This preview shows how the Hex color C23D57 looks on a white background.

Color Contrast Check

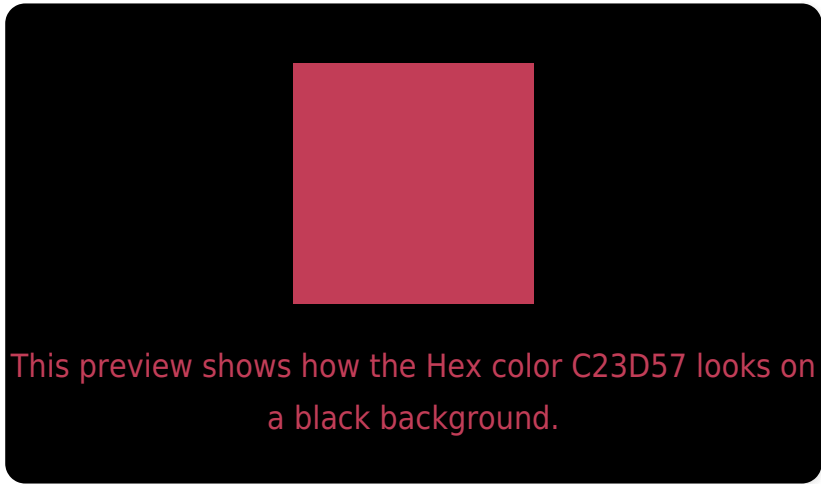
Large Text (above 18pt) WCAG AA ✓ Pass

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 C23D57 Background



This preview shows how black text looks on a background with the Hex color C23D57.

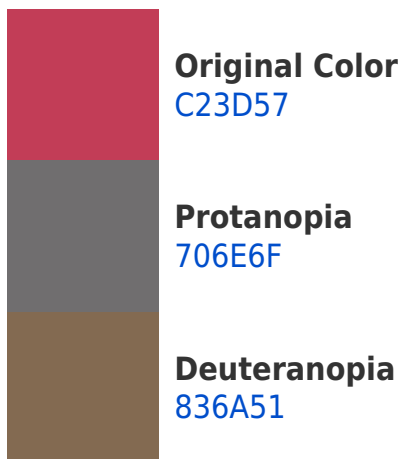


This preview shows how white text looks on a background with the Hex color C23D57.

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](#).

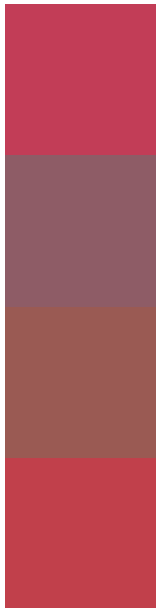
Dichromacy





Tritanopia
C14144

Trichromacy



Original Color
C23D57

Protanomaly
8E5C66

Deuteranomaly
9A5A53

Tritanomaly
C1404B

Monochromacy



Original Color
C23D57

Achromatopsia
686868

Achromatomaly
895862

CSS Examples

Text

The CSS property to change the color of the text to Hex C23D57 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 #C23D57 looks like.

```
.text, #text, p{  
    color:#C23D57  
}
```

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 #C23D57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C23D57
}
```

Border

The CSS property to change the border of an element to Hex C23D57 is called "border". The border property can be set on classes, ids or directly on the HTML element.

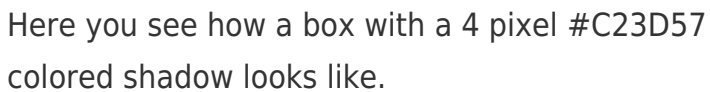
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C23D57 }
```

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

```
.border{ border-color:#C23D57 }
```

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



Here you see how a box with a 4 pixel `#C23D57` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C23D57; -webkit-box-shadow:4px 4px  
4px 4px #C23D57; box-shadow:4px 4px 4px  
4px #C23D57 }
```

Background

The CSS property to change the background color of an element to Hex C23D57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C23D57 }
```

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

```
.background{ background-color:#C23D57 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor