

Converting Colors

Hex(C23127)

Have a look what the booklet for
Hex(C23127) contains.

Hex(C23127)	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(C23127)

Conversions

Conversions Part 1

Format	Color
Hex	C23127
RGB	194, 49, 39
RGB Percent	76%, 19%, 15%
CMY	0.2392, 0.8078, 0.8471
CMYK	0.00, 0.75, 0.80, 0.24
HSL	4°, 67%, 46%
HSV	4°, 80%, 76%
XYZ	23.7127, 13.8124, 3.3357
YIQ	91.2150, 89.6300, 27.6300

Conversions

Conversions Part 2

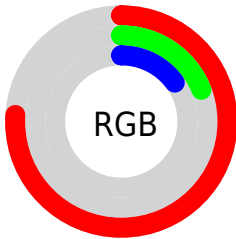
Format	Color
RYB	194, 50, 39
Decimal	12726567
CIELab	43.96, 56.30, 40.80
CIELCh	44, 69.534, 35.931
Yxy	13.8124, 0.5803, 0.3380
Android (android.graphics.Color)	4290916647 (0xFFC23127)
YUV	91.2150, -25.7420, 90.1424
Hunter-Lab	37.1651, 48.8504, 20.6940

Details

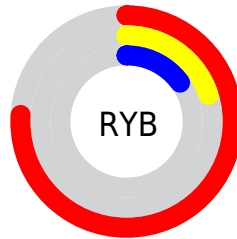
The Hex color **C23127** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **27B8C2**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **FF6A56**, and **840000** is the 20% darker color. If you saturate the color by 10%, you get **C21F14**, and if you desaturate by 10%, it is **C2433A**.

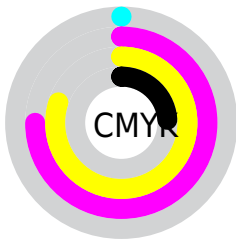
Distribution



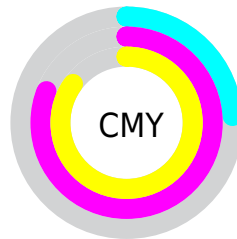
- Red (76%)
- Green (19%)
- Blue (15%)



- Red (76%)
- Yellow (20%)
- Blue (15%)



- Cyan (0%)
- Magenta (75%)
- Yellow (80%)
- Black (24%)



- Cyan (24%)
- Magenta (81%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color C23127 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 C23127 by changing the saturation by 10% instead.

 C23127

 C23127

FFFFFF

 A30911

 FF6A56

 840000

 FF866E

 650000

 FFA288

 480001

 FFBEA2

 2B0001

 FFDBBE

 000000

 FFF9DA

 FFFFF6

 C23127

 C23127

 C21F14

 C2433A

 C20D00

 C2554E

 C26761

 C27A75

 C28C88

 C29E9B

 C2B0AF

 C2C2C2

 C2D4D6

Harmonies

Analogous

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



CA105F



C23127



A35300

Triad

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



C23127



007E35



006CDC

Complementary

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



C23127



27B8C2

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.



007AD2



C23127



008072

Square

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



C23127



347700



0080AB



7352C7

Rectangle

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



C23127



856300



0080AB



0072DD

Sweetspot

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



C23127



FCC4C0



C227BA



805D5B



000000



808080

Same Dimension

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



C23127



FC1A0A



C27C27



615857



A10A00



210200

Inverse Universe

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



27B8C2



0AEDFC



276DC2



576061



0096A1



001F21

Previews

White Background



This preview shows how the Hex color C23127 looks on a white background.

Color Contrast Check

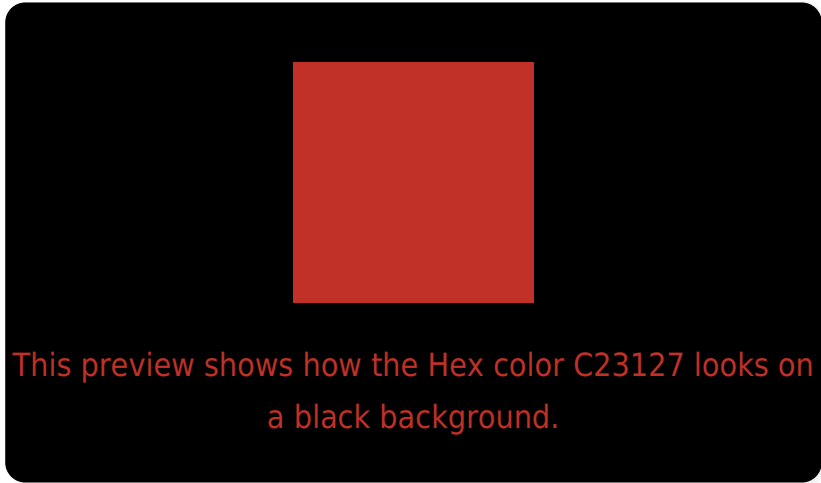
Large Text (above 18pt) WCAG AA ✓ Pass

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 C23127 Background



This preview shows how black text looks on a background with the Hex color C23127.



This preview shows how white text looks on a background with the Hex color C23127.

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

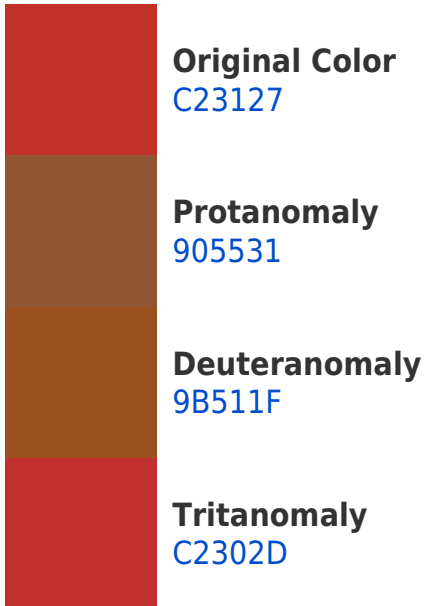


Original Color
C23127

Protanopia
746937

Deuteranopia
84631A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C23127 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 #C23127 looks like.

```
.text, #text, p{  
    color:#C23127  
}
```

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 #C23127 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C23127
}
```

Border

The CSS property to change the border of an element to Hex C23127 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".

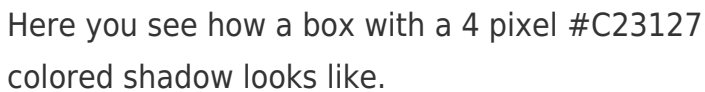
```
.border, #border, table{ border:4px solid
#C23127 }
```

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

```
.border{ border-color:#C23127 }
```

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

Here you see how a box with a 4 pixel #C23127 colored shadow looks like.

A rectangular box with a thick red border and a red drop shadow. The box is white and contains the text 'Here you see how a box with a 4 pixel #C23127 colored shadow looks like.' The shadow is cast to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C23127; -webkit-box-shadow:4px 4px  
4px 4px #C23127; box-shadow:4px 4px 4px  
4px #C23127 }
```

Background

The CSS property to change the background color of an element to Hex C23127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C23127 }
```

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

```
.background{ background-color:#C23127 }
```

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