

Converting Colors

Hex(C50E23)

Have a look what the booklet for
Hex(C50E23) contains.

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Color

Hex(C50E23)

Conversions

Conversions Part 1

Format	Color
Hex	C50E23
RGB	197, 14, 35
RGB Percent	77%, 5%, 14%
CMY	0.2275, 0.9451, 0.8627
CMYK	0.00, 0.93, 0.82, 0.23
HSL	353°, 87%, 41%
HSV	353°, 93%, 77%
XYZ	23.4864, 12.3057, 2.7275
YIQ	71.1110, 102.3270, 45.3270

Conversions

Conversions Part 2

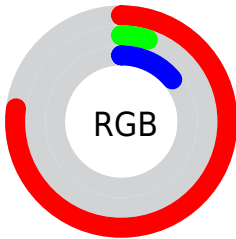
Format	Color
R_{YB}	197, 14, 35
Decimal	12914211
CIE Lab	41.70, 65.06, 40.96
CIE LCh	42, 76.881, 32.193
Yxy	12.3057, 0.6097, 0.3195
Android (android.graphics.Color)	4291104291 (0xFFC50E23)
YUV	71.1110, -17.8027, 110.4047
Hunter-Lab	35.0795, 58.1197, 19.9458

Details

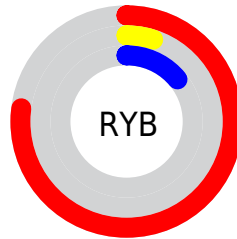
The Hex color **C50E23** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **0EC5B0**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **FF5851**, and **860000** is the 20% darker color. If you saturate the color by 10%, you get **C50017**, and if you desaturate by 10%, it is **C52234**.

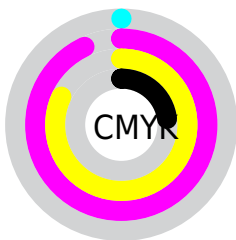
Distribution



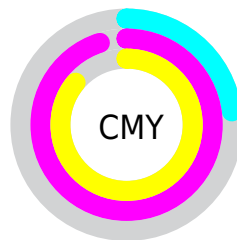
- Red (77%)
- Green (5%)
- Blue (14%)



- Red (77%)
- Yellow (5%)
- Blue (14%)



- Cyan (0%)
- Magenta (93%)
- Yellow (82%)
- Black (23%)



- Cyan (23%)
- Magenta (95%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color C50E23 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 C50E23 by changing the saturation by 10% instead.

 C50E23

 C50E23

FFFFFF

 A5000E

 FF5851

 860000

 FF7569

 660000

 FF9282

 490003

 FFAF9D

 2A0001

 FFCCB8

 000000

 FFE9D3

 FFFFF0

 C50E23

 C50E23

 C50017

 C52234

 C53546

 C54957

 C55D69

 C5717A

 C5848C

 C5989D

 C5ACAF

 C5BFC0

Harmonies

Analogous

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



CB0061



C50E23



A54600

Triad

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



C50E23



007820



006AE3

Complementary

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



C50E23



0EC5B0

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.



0078D3



C50E23



007B66

Square

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



C50E23



307100



007CA5



5C4ECF

Rectangle

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



C50E23



865A00



007CA5



0070E2

Sweetspot

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



C50E23



FFB8C0



B00EC5



805459



000000



808080

Same Dimension

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



C50E23



FF001D



C5540E



635A5B



A30013



240004

Inverse Universe

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



C50E23



FF001D



0E7FC5



635A5B



A30013



240004

Previews

White Background



This preview shows how the Hex color C50E23 looks on a white background.

Color Contrast Check

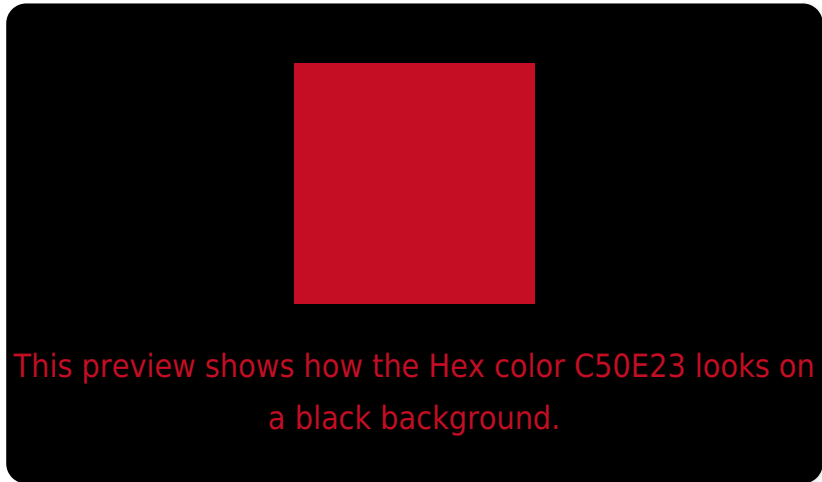
Large Text (above 18pt) WCAG AA ✓ Pass

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 C50E23 Background



This preview shows how black text looks on a background with the Hex color C50E23.



This preview shows how white text looks on a background with the Hex color C50E23.

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
C50E23

Protanopia
6E6437

Deuteranopia
7E5F11



Tritanopia
C5130B

Trichromacy



Original Color
C50E23

Protanomaly
8E4530

Deuteranomaly
984218

Tritanomaly
C51114

Monochromacy



Original Color
C50E23

Achromatopsia
474747

Achromatomaly
75323A

CSS Examples

Text

The CSS property to change the color of the text to Hex C50E23 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 #C50E23 looks like.

```
.text, #text, p{  
    color:#C50E23  
}
```

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 #C50E23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C50E23 }  
}
```

Border

The CSS property to change the border of an element to Hex C50E23 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".

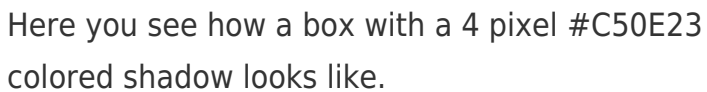
```
.border, #border, table{ border:4px solid #C50E23 }  
}
```

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

```
.border{ border-color:#C50E23 }
```

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

Here you see how a box with a 4 pixel #C50E23 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C50E23; -webkit-box-shadow:4px 4px  
4px 4px #C50E23; box-shadow:4px 4px 4px  
4px #C50E23 }
```

Background

The CSS property to change the background color of an element to Hex C50E23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C50E23 }
```

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

```
.background{ background-color:#C50E23 }
```

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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