

Converting Colors

Hex(C4623E)

Have a look what the booklet for
Hex(C4623E) contains.

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Color

Hex(C4623E)

Conversions

Conversions Part 1

Format	Color
Hex	C4623E
RGB	196, 98, 62
RGB Percent	77%, 38%, 24%
CMY	0.2314, 0.6157, 0.7569
CMYK	0.00, 0.50, 0.68, 0.23
HSL	16°, 53%, 51%
HSV	16°, 68%, 77%
XYZ	28.0021, 20.8189, 7.1000
YIQ	123.1980, 69.9640, 9.5800

Conversions

Conversions Part 2

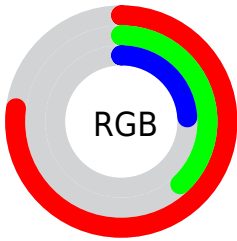
Format	Color
RYB	196, 111, 62
Decimal	12870206
CIELab	52.75, 36.36, 38.04
CIELCh	53, 52.620, 46.289
Yxy	20.8189, 0.5007, 0.3723
Android (android.graphics.Color)	4291060286 (0xFFC4623E)
YUV	123.1980, -30.1706, 63.8474
Hunter-Lab	45.6278, 29.6983, 22.7135

Details

The Hex color **C4623E** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **3EA0C4**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **FF966F**, and **893010** is the 20% darker color. If you saturate the color by 10%, you get **C4542A**, and if you desaturate by 10%, it is **C47052**.

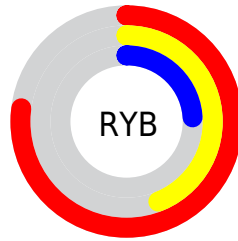
Distribution



Red (77%)

Green (38%)

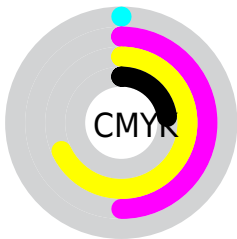
Blue (24%)



Red (77%)

Yellow (44%)

Blue (24%)

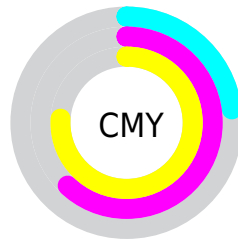


Cyan (0%)

Magenta (50%)

Yellow (68%)

Black (23%)



Cyan (23%)

Magenta (62%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color C4623E 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 C4623E by changing the saturation by 10% instead.

 C4623E

 C4623E

FFFFFF

 A64927

 FF966F

 893010

 FFB289

 6C1600

 FFCEA3

 4F0000

 FFEABE

 350000

 FFFFFDA

 0D0000

 FFFFFFF7

 000000

 C4623E

 C4623E

 C4542A

 C47052

 C44517

 C47F65

 C43703

 C48D79

 C43500

 C49B8C

 C4AAA0

 C4B8B4

 C4C6C7

 C4D5DB

 C4E3EE

Harmonies

Analogous

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



D05467



C4623E



A77420

Triad

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



C4623E



009267



567AD5

Complementary

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



C4623E



3EA0C4

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.



0089D6



C4623E



009496

Square

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



C4623E



498D3C



0091BE



9F67BD

Rectangle

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



C4623E



8D7F19



0091BE



2880D8

Sweetspot

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



C4623E



FFD8C9



C43EA0



806860



000000



808080

Same Dimension

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



C4623E



FF662E



C4A53E



615A57



A12B00



210900

Inverse Universe

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



3EA0C4



2EC7FF



3E5DC4



575E61



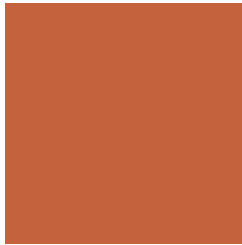
0075A1



001821

Previews

White Background



This preview shows how the Hex color C4623E looks on a white background.

Color Contrast Check

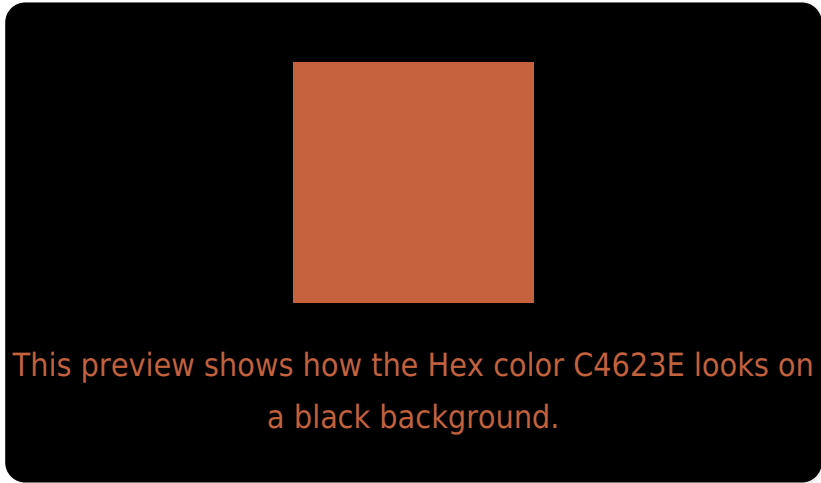
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

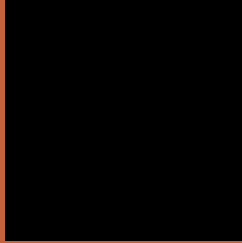
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex C4623E Background



This preview shows how black text looks on a background with the Hex color C4623E.



This preview shows how white text looks on a background with the Hex color C4623E.

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
C4623E

Protanopia
8B7F48

Deuteranopia
9C7839



Tritanopia
C65D64

Trichromacy



Original Color
C4623E

Protanomaly
A07444

Deuteranomaly
AB703B

Tritanomaly
C55F56

Monochromacy



Original Color
C4623E

Achromatopsia
7B7B7B

Achromatomaly
967265

CSS Examples

Text

The CSS property to change the color of the text to Hex C4623E 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 #C4623E looks like.

```
.text, #text, p{  
  color:#C4623E  
}
```

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 #C4623E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4623E
}
```

Border

The CSS property to change the border of an element to Hex C4623E is called "border". The border property can be set on classes, ids or directly on the HTML element.

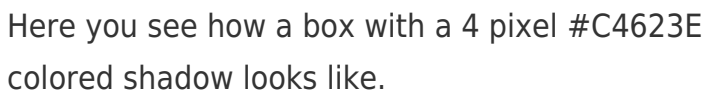
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C4623E }
```

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

```
.border{ border-color:#C4623E }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel #C4623E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4623E; -webkit-box-shadow:4px 4px  
4px 4px #C4623E; box-shadow:4px 4px 4px  
4px #C4623E }
```

Background

The CSS property to change the background color of an element to Hex C4623E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4623E }
```

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

```
.background{ background-color:#C4623E }
```

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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