

Converting Colors

Hex(CB3B2E)

Have a look what the booklet for
Hex(CB3B2E) contains.

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Color

Hex(CB3B2E)

Conversions

Conversions Part 1

Format	Color
Hex	CB3B2E
RGB	203, 59, 46
RGB Percent	80%, 23%, 18%
CMY	0.2039, 0.7686, 0.8196
CMYK	0.00, 0.71, 0.77, 0.20
HSL	5°, 63%, 49%
HSV	5°, 77%, 80%
XYZ	26.6857, 16.0217, 4.2708
YIQ	100.5740, 89.9970, 26.4850

Conversions

Conversions Part 2

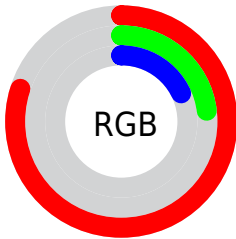
Format	Color
RYB	203, 60, 46
Decimal	13318958
CIELab	47.00, 55.84, 40.67
CIElCh	47, 69.081, 36.069
Yxy	16.0217, 0.5680, 0.3410
Android (android.graphics.Color)	4291509038 (0xFFCB3B2E)
YUV	100.5740, -26.9050, 89.8276
Hunter-Lab	40.0271, 48.9569, 21.6929

Details

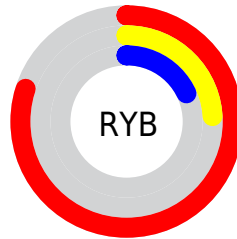
The Hex color **CB3B2E** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **2EBECB**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **FF735D**, and **8D0000** is the 20% darker color. If you saturate the color by 10%, you get **CB281A**, and if you desaturate by 10%, it is **CB4E42**.

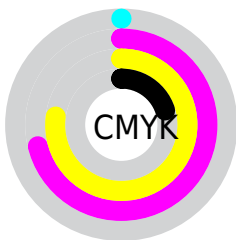
Distribution



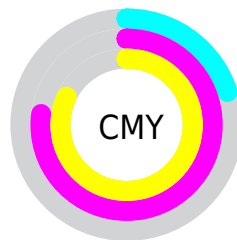
- Red (80%)
- Green (23%)
- Blue (18%)



- Red (80%)
- Yellow (24%)
- Blue (18%)



- Cyan (0%)
- Magenta (71%)
- Yellow (77%)
- Black (20%)



- Cyan (20%)
- Magenta (77%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB3B2E 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 CB3B2E by changing the saturation by 10% instead.

 CB3B2E

 CB3B2E

FFFFFF

 AC1A18

 FF735D

 8D0000

 FF8F76

 6E0000

 FFAB90

 500000

 FFC8AB

 340002

 FFE5C6

 000000

 FFFFE2

 CB3B2E

 CB3B2E

 CB281A

 CB4E42

 CB1605

 CB6057

 CB1100

 CB736B

 CB857F

 CB9893

 CBABA8

 CBBDBC

 CBD0D0

 CBE3E5

Harmonies

Analogous

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



D32266



CB3B2E



AB5A00

Triad

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



CB3B2E



00863D



0073E4

Complementary

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



CB3B2E



2EBECB

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.



0082DA



CB3B2E



00887A

Square

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



CB3B2E



3D7F00



0088B3



7C5ACE

Rectangle

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



CB3B2E



8E6A00



0088B3



0079E5

Sweetspot

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



CB3B2E



FFC9C4



CB2EC1



805F5C



000000



808080

Same Dimension

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



CB3B2E



FF2512



CB872E



665D5C



A60E00



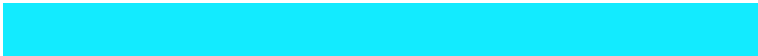
260300

Inverse Universe

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



2EBECB



12EBFF



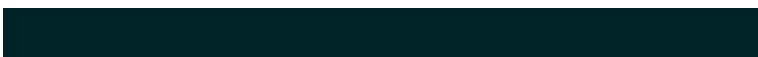
2E72CB



5C6566



0098A6



002326

Previews

White Background



This preview shows how the Hex color CB3B2E looks on a white background.

Color Contrast Check

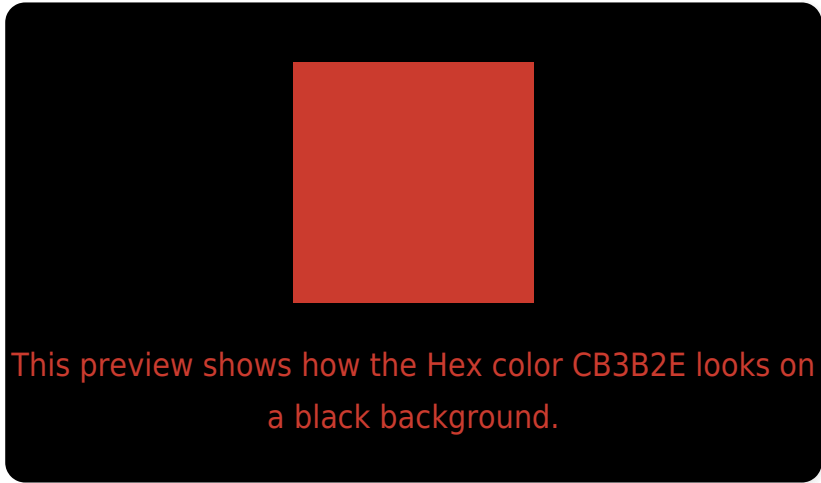
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB3B2E Background



This preview shows how black text looks on a background with the Hex color CB3B2E.



This preview shows how white text looks on a background with the Hex color CB3B2E.

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

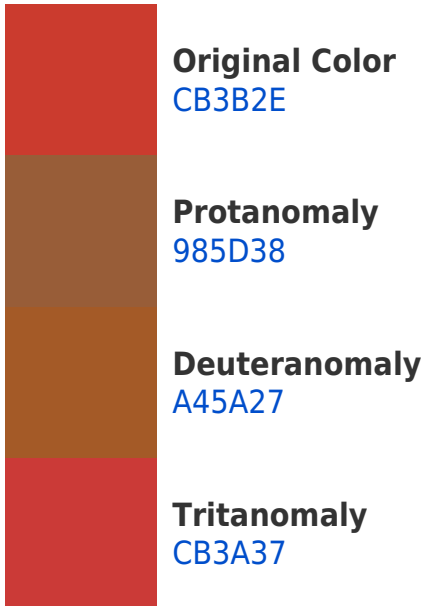


Original Color
CB3B2E

Protanopia
7B703E

Deuteranopia
8D6B23

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CB3B2E 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 #CB3B2E looks like.

```
.text, #text, p{  
    color:#CB3B2E  
}
```

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 #CB3B2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB3B2E
}
```

Border

The CSS property to change the border of an element to Hex CB3B2E 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".

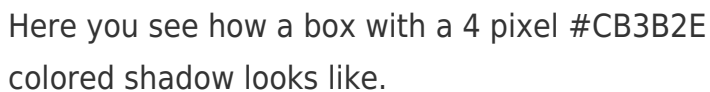
```
.border, #border, table{ border:4px solid
#CB3B2E }
```

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

```
.border{ border-color:#CB3B2E }
```

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

Here you see how a box with a 4 pixel #CB3B2E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB3B2E; -webkit-box-shadow:4px 4px  
4px 4px #CB3B2E; box-shadow:4px 4px 4px  
4px #CB3B2E }
```

Background

The CSS property to change the background color of an element to Hex CB3B2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB3B2E }
```

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

```
.background{ background-color:#CB3B2E }
```

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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