

Converting Colors

Hex(CC533E)

Have a look what the booklet for
Hex(CC533E) contains.

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Color

Hex(CC533E)

Conversions

Conversions Part 1

Format	Color
Hex	CC533E
RGB	204, 83, 62
RGB Percent	80%, 33%, 24%
CMY	0.2000, 0.6745, 0.7569
CMYK	0.00, 0.59, 0.70, 0.20
HSL	9°, 58%, 52%
HSV	9°, 70%, 80%
XYZ	28.8646, 19.3717, 6.7752
YIQ	116.7850, 78.8570, 19.1210

Conversions

Conversions Part 2

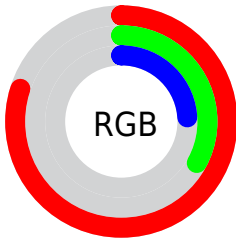
Format	Color
R_YB	204, 87, 62
Decimal	13390654
CIE Lab	51.12, 46.78, 36.47
CIE LCh	51, 59.312, 37.943
Yxy	19.3717, 0.5247, 0.3521
Android (android.graphics.Color)	4291580734 (0xFFCC533E)
YUV	116.7850, -27.0090, 76.4876
Hunter-Lab	44.0133, 40.0399, 21.6825

Details

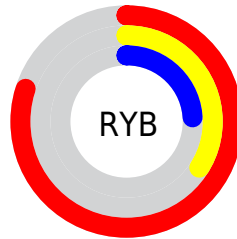
The Hex color **CC533E** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **3EB7CC**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **FF886E**, and **8F1C12** is the 20% darker color. If you saturate the color by 10%, you get **CC422A**, and if you desaturate by 10%, it is **CC6452**.

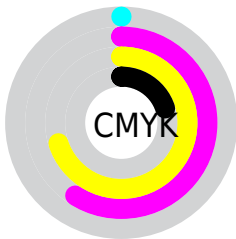
Distribution



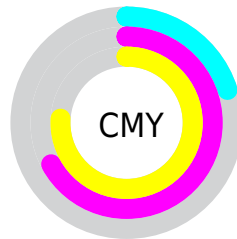
- Red (80%)
- Green (33%)
- Blue (24%)



- Red (80%)
- Yellow (34%)
- Blue (24%)



- Cyan (0%)
- Magenta (59%)
- Yellow (70%)
- Black (20%)



- Cyan (20%)
- Magenta (67%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC533E 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 CC533E by changing the saturation by 10% instead.

 CC533E

 CC533E

FFFFFF

 AD3827

 FF886E

 8F1C12

 FFA488

 720000

 FFC0A2

 540000

 FFDDBE

 390002

 FFFADA

 130000

 FFFFF6

 000000

 CC533E

 CC533E

 CC422A

 CC6452

 CC3015

 CC7667

 CC1F01

 CC877B

 CC1E00

 CC9990

 CCAAA4

 CCBBB8

 CCCDCD

 CCDEE1

 CCEFF6

Harmonies

Analogous

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



D4456E



CC533E



B06911

Triad

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



CC533E



008F52



007BDF

Complementary

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



CC533E



3EB7CC

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.



0089D8



CC533E



009186

Square

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



CC533E



4F8820



0090B7



8C66CA

Rectangle

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



CC533E



957600



0090B7



0081DF

Sweetspot

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



CC533E



FFD1C9



CC3EB9



806460



000000



808080

Same Dimension

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



CC533E



FF4829



CC983E



665D5C



A61900



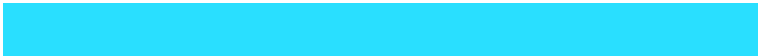
260600

Inverse Universe

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



3EB7CC



29DFFF



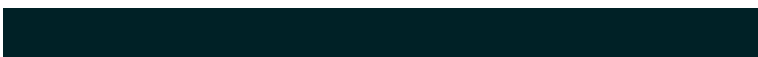
3E72CC



5C6466



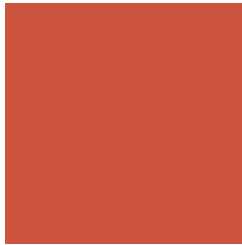
008DA6



002126

Previews

White Background



This preview shows how the Hex color CC533E looks on a white background.

Color Contrast Check

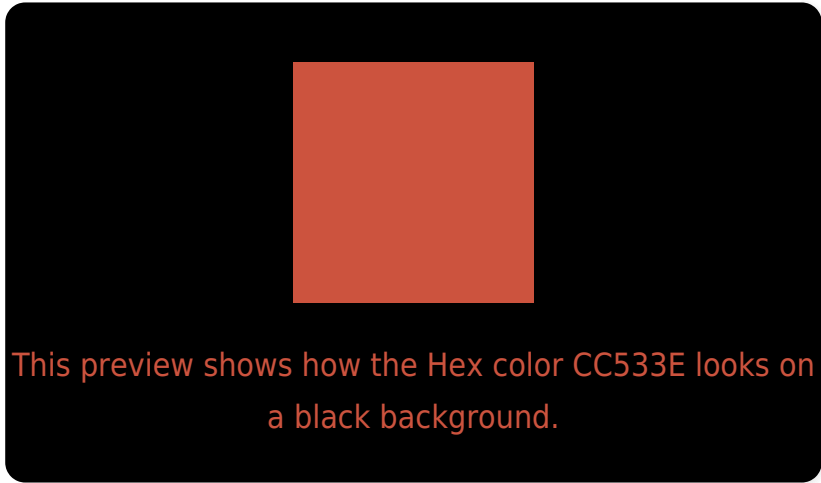
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC533E Background



This preview shows how black text looks on a background with the Hex color CC533E.



This preview shows how white text looks on a background with the Hex color CC533E.

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

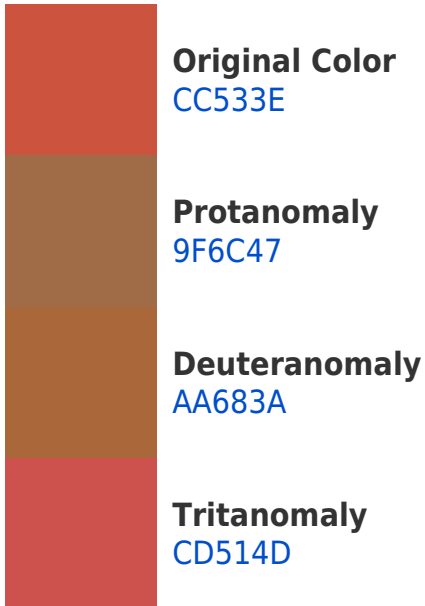


Original Color
CC533E

Protanopia
867A4C

Deuteranopia
977437

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CC533E 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 #CC533E looks like.

```
.text, #text, p{  
    color:#CC533E  
}
```

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 #CC533E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC533E
}
```

Border

The CSS property to change the border of an element to Hex CC533E is called "border". The border property can be set on classes, ids or directly on the HTML element.

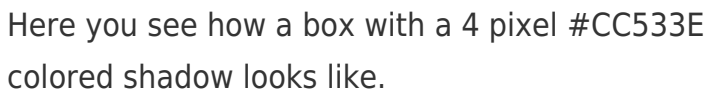
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CC533E }
```

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

```
.border{ border-color:#CC533E }
```

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



Here you see how a box with a 4 pixel `#CC533E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC533E; -webkit-box-shadow:4px 4px  
4px 4px #CC533E; box-shadow:4px 4px 4px  
4px #CC533E }
```

Background

The CSS property to change the background color of an element to Hex CC533E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC533E }
```

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

```
.background{ background-color:#CC533E }
```

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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