

Converting Colors

Hex(CC413D)

Have a look what the booklet for
Hex(CC413D) contains.

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Color

Hex(CC413D)

Conversions

Conversions Part 1

Format	Color
Hex	CC413D
RGB	204, 65, 61
RGB Percent	80%, 25%, 24%
CMY	0.2000, 0.7451, 0.7608
CMYK	0.00, 0.68, 0.70, 0.20
HSL	2°, 58%, 52%
HSV	2°, 70%, 80%
XYZ	27.6344, 16.9549, 6.2310
YIQ	106.1050, 84.1280, 28.2240

Conversions

Conversions Part 2

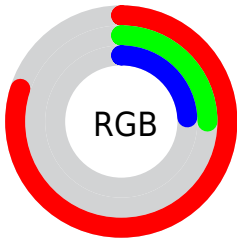
Format	Color
RYB	204, 65, 61
Decimal	13386045
CIELab	48.20, 54.50, 33.62
CIELCh	48, 64.038, 31.672
Yxy	16.9549, 0.5438, 0.3336
Android (android.graphics.Color)	4291576125 (0xFFCC413D)
YUV	106.1050, -22.2368, 85.8539
Hunter-Lab	41.1763, 47.7372, 19.8514

Details

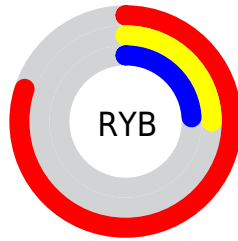
The Hex color **CC413D** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **3DC8CC**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **FF786D**, and **8E0012** is the 20% darker color. If you saturate the color by 10%, you get **CC2D29**, and if you desaturate by 10%, it is **CC5551**.

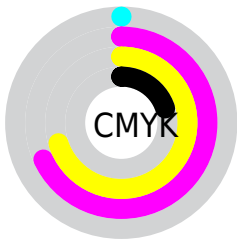
Distribution



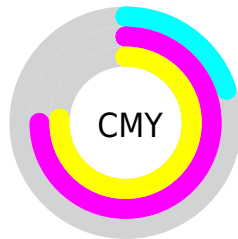
- Red (80%)
- Green (25%)
- Blue (24%)



- Red (80%)
- Yellow (25%)
- Blue (24%)



- Cyan (0%)
- Magenta (68%)
- Yellow (70%)
- Black (20%)



- Cyan (20%)
- Magenta (75%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC413D 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 CC413D by changing the saturation by 10% instead.

 CC413D

 CC413D

FFFFFF

 AD2227

 FF786D

 8E0012

 FF9486

 700000

 FFB0A1

 520000

 FFCDBC

 370002

 FFEAD7

 0A0000

 FFFFF4

 000000

 CC413D

 CC413D

 CC2D29

 CC5551

 CC1914

 CC6966

 CC0600

 CC7C7A

 CC908F

 CCA4A3

 CCB8B7

 CCCCCC

 CCE0E0

 CCF3F5

Harmonies

Analogous

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



CF3472



CC413D



B15B02

Triad

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



CC413D



00873B



0078E0

Complementary

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



CC413D



3DC8CC

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.



0085D2



CC413D



008A74

Square

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



CC413D



517F00



008AAA



7362CF

Rectangle

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



CC413D



976B00



008AAA



007EDE

Sweetspot

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



CC413D



FFCBC9



CC3DCA



806160



000000



808080

Same Dimension

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



CC413D



FF2F29



CC873D



665C5C



A60500



260100

Inverse Universe

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



3DC8CC



29F9FF



3D82CC



5C6666



00A1A6



002526

Previews

White Background



This preview shows how the Hex color CC413D looks on a white background.

Color Contrast Check

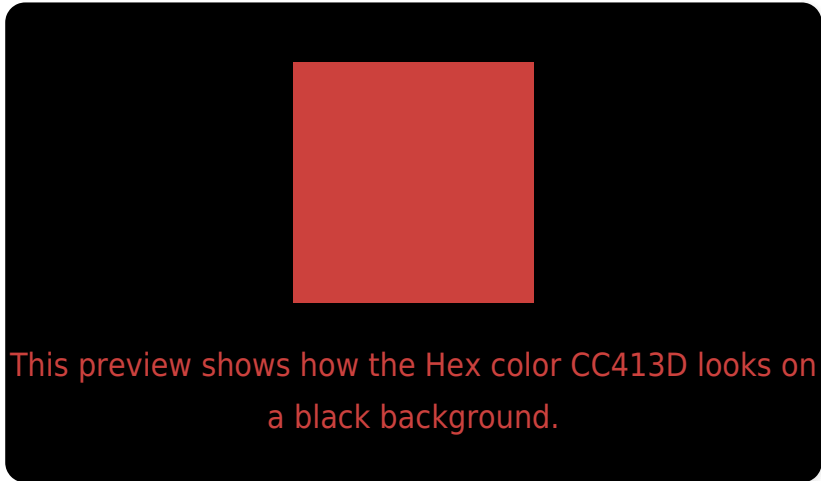
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC413D Background



This preview shows how black text looks on a background with the Hex color CC413D.



This preview shows how white text looks on a background with the Hex color CC413D.

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

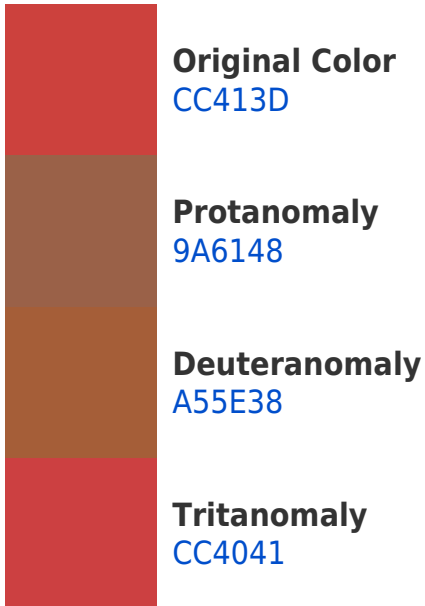


Original Color
CC413D

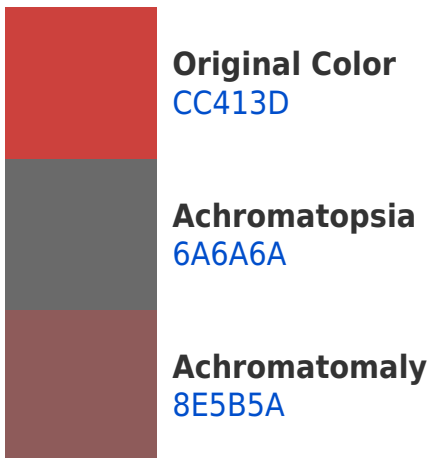
Protanopia
7D734F

Deuteranopia
8E6E35

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CC413D 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 #CC413D looks like.

```
.text, #text, p{  
    color:#CC413D  
}
```

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 #CC413D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC413D }  
}
```

Border

The CSS property to change the border of an element to Hex CC413D is called "border". The border property can be set on classes, ids or directly on the HTML element.

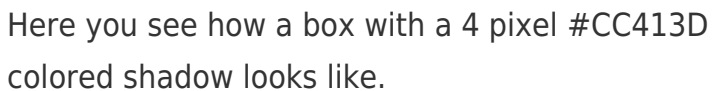
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #CC413D }  
}
```

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

```
.border{ border-color:#CC413D }
```

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



Here you see how a box with a 4 pixel `#CC413D` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC413D; -webkit-box-shadow:4px 4px  
4px 4px #CC413D; box-shadow:4px 4px 4px  
4px #CC413D }
```

Background

The CSS property to change the background color of an element to Hex CC413D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC413D }
```

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

```
.background{ background-color:#CC413D }
```

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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