

Converting Colors

Hex(CE402F)

Have a look what the booklet for
Hex(CE402F) contains.

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Color

Hex(CE402F)

Conversions

Conversions Part 1

Format	Color
Hex	CE402F
RGB	206, 64, 47
RGB Percent	81%, 25%, 18%
CMY	0.1922, 0.7490, 0.8157
CMYK	0.00, 0.69, 0.77, 0.19
HSL	6°, 63%, 50%
HSV	6°, 77%, 81%
XYZ	27.8001, 16.9938, 4.5042
YIQ	104.5200, 90.0890, 24.8170

Conversions

Conversions Part 2

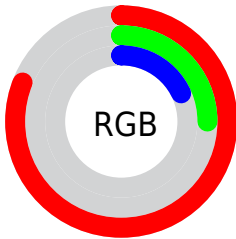
Format	Color
R_{YB}	206, 66, 47
Decimal	13516847
CIE _{Lab}	48.25, 54.95, 41.61
CIE _{LCh}	48, 68.926, 37.134
Yxy	16.9938, 0.5639, 0.3447
Android (android.graphics.Color)	4291706927 (0xFFCE402F)
YUV	104.5200, -28.3574, 88.9980
Hunter-Lab	41.2236, 48.2344, 22.3783

Details

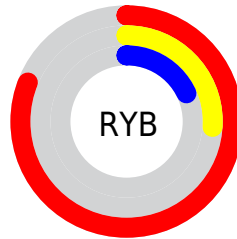
The Hex color **CE402F** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **2FBDCE**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **FF785E**, and **900001** is the 20% darker color. If you saturate the color by 10%, you get **CE2E1A**, and if you desaturate by 10%, it is **CE5244**.

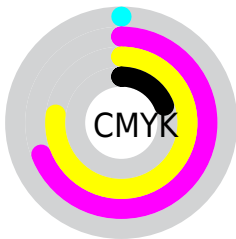
Distribution



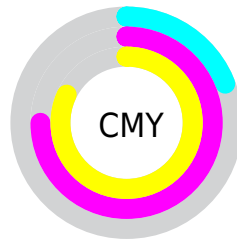
- Red (81%)
- Green (25%)
- Blue (18%)



- Red (81%)
- Yellow (26%)
- Blue (18%)



- Cyan (0%)
- Magenta (69%)
- Yellow (77%)
- Black (19%)



- Cyan (19%)
- Magenta (75%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color CE402F 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 CE402F by changing the saturation by 10% instead.

 CE402F

 CE402F

FFFFFF

 AF2119

 FF785E

 900001

 FF9378

 710000

 FFB092

 530000

 FFCCAC

 370002

 FFE9C8

 0B0000

 FFFFE4

 000000

 CE402F

 CE402F

 CE2E1A

 CE5244

 CE1B06

 CE6558

 CE1600

 CE776D

 CE8A81

 CE9C96

 CEAEAB

 CEC1BF

 CED3D4

 CEE6E8

Harmonies

Analogous

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



D72867



CE402F



AE5E00

Triad

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



CE402F



008942



0076E7

Complementary

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



CE402F



2FBDCE

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.



0085DE



CE402F



008C7F

Square

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



CE402F



3E8200



008BB8



835CD0

Rectangle

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



CE402F



906E00



008BB8



007CE8

Sweetspot

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



CE402F



FFCBC4



CE2FBE



80605C



000000



808080

Same Dimension

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



CE402F



FF2B12



CE8E2F



665D5C



A61200



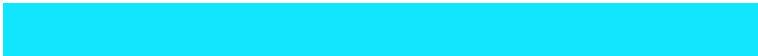
260400

Inverse Universe

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



2FBDCE



12E6FF



2F6FCE



5C6566



0094A6



002226

Previews

White Background



This preview shows how the Hex color CE402F looks on a white background.

Color Contrast Check

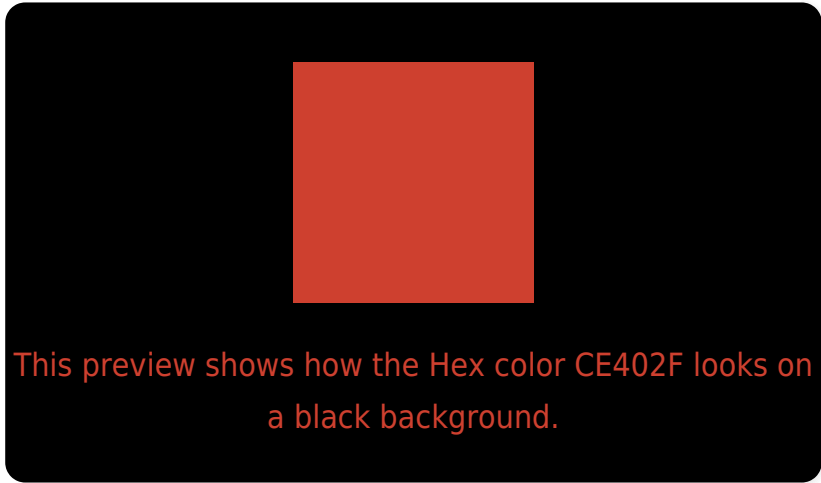
Large Text (above 18pt) WCAG AA ✓ Pass

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 CE402F Background



This preview shows how black text looks on a background with the Hex color CE402F.



This preview shows how white text looks on a background with the Hex color CE402F.

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
CE402F

Protanopia
7F733E

Deuteranopia
906D24

Trichromacy



Original Color
CE402F

Protanomaly
9C6039

Deuteranomaly
A75D28

Tritanomaly
CF3F3A

Monochromacy



Original Color
CE402F

Achromatopsia
696969

Achromatomaly
8E5A54

CSS Examples

Text

The CSS property to change the color of the text to Hex CE402F 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 #CE402F looks like.

```
.text, #text, p{  
    color:#CE402F  
}
```

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 #CE402F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE402F
}
```

Border

The CSS property to change the border of an element to Hex CE402F is called "border". The border property can be set on classes, ids or directly on the HTML element.

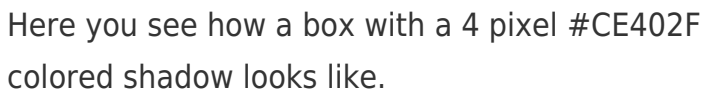
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CE402F }
```

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

```
.border{ border-color:#CE402F }
```

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



Here you see how a box with a 4 pixel `#CE402F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE402F; -webkit-box-shadow:4px 4px  
4px 4px #CE402F; box-shadow:4px 4px 4px  
4px #CE402F }
```

Background

The CSS property to change the background color of an element to Hex CE402F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE402F }
```

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

```
.background{ background-color:#CE402F }
```

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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