

Converting Colors

Hex(CA3740)

Have a look what the booklet for
Hex(CA3740) contains.

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Color

Hex(CA3740)

Conversions

Conversions Part 1

Format	Color
Hex	CA3740
RGB	202, 55, 64
RGB Percent	79%, 22%, 25%
CMY	0.2078, 0.7843, 0.7490
CMYK	0.00, 0.73, 0.68, 0.21
HSL	356°, 58%, 50%
HSV	356°, 73%, 79%
XYZ	26.6487, 15.6591, 6.4685
YIQ	99.9790, 84.7230, 33.9630

Conversions

Conversions Part 2

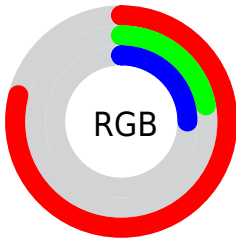
Format	Color
RYB	202, 55, 64
Decimal	13252416
CIELab	46.52, 57.75, 29.76
CIELCh	47, 64.970, 27.263
Yxy	15.6591, 0.5463, 0.3210
Android (android.graphics.Color)	4291442496 (0xFFCA3740)
YUV	99.9790, -17.7376, 89.4724
Hunter-Lab	39.5716, 50.9571, 18.0084

Details

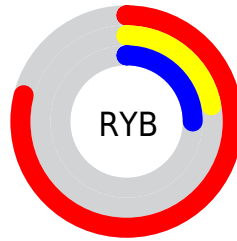
The Hex color **CA3740** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **37CAC1**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **FF7070**, and **8C0016** is the 20% darker color. If you saturate the color by 10%, you get **CA232D**, and if you desaturate by 10%, it is **CA4B53**.

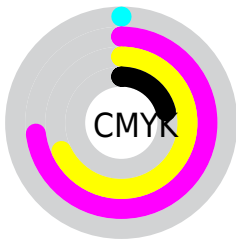
Distribution



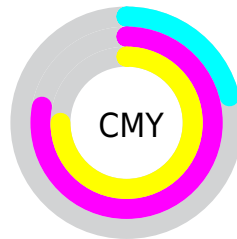
- Red (79%)
- Green (22%)
- Blue (25%)



- Red (79%)
- Yellow (22%)
- Blue (25%)



- Cyan (0%)
- Magenta (73%)
- Yellow (68%)
- Black (21%)



- Cyan (21%)
- Magenta (78%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA3740 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 CA3740 by changing the saturation by 10% instead.

 CA3740

 CA3740

FFFFFF

 AB132A

 FF7070

 8C0016

 FF8C89

 6E0000

 FFA8A4

 500000

 FFC5BF

 340002

 FFE2DB

 000000

 FFFFF7

 CA3740

 CA3740

 CA232D

 CA4B53

■ CA0F1A

■ CA5F66

■ CA000C

■ CA7479

■ CA888C

■ CA9C9F

■ CAB0B2

■ CAC4C5

■ CAD9D8

■ CAEDEB

Harmonies

Analogous

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



CA2D76



CA3740



B25305

Triad

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



CA3740



00822E



0077DC

Complementary

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



CA3740



37CAC1

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.



0082CA



CA3740



008667

Square

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



CA3740



557A00



00869F



5E62D0

Rectangle

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



CA3740



996300



00869F



007BD9

Sweetspot

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



CA3740



FFC7CA



C037CA



805E60



000000



808080

Same Dimension

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



CA3740



FF212F



CA7737



665C5C



A6000A



260002

Inverse Universe

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



CA3740



FF212F



378ACA



665C5C



A6000A



260002

Previews

White Background



This preview shows how the Hex color CA3740 looks on a white background.

Color Contrast Check

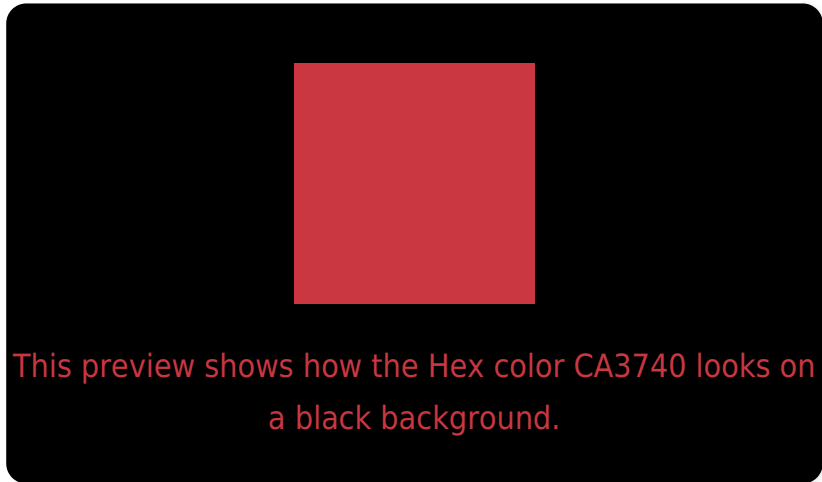
Large Text (above 18pt) WCAG AA ✓ Pass

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 CA3740 Background



This preview shows how black text looks on a background with the Hex color CA3740.



This preview shows how white text looks on a background with the Hex color CA3740.

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



Trichromacy



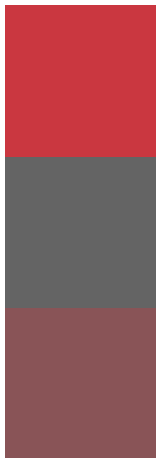
Original Color
CA3740

Protanomaly
955B4D

Deuteranomaly
A1573B

Tritanomaly
CA383C

Monochromacy



Original Color
CA3740

Achromatopsia
646464

Achromatomaly
895457

CSS Examples

Text

The CSS property to change the color of the text to Hex CA3740 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 #CA3740 looks like.

```
.text, #text, p{  
    color:#CA3740  
}
```

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 #CA3740 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA3740
}
```

Border

The CSS property to change the border of an element to Hex CA3740 is called "border". The border property can be set on classes, ids or directly on the HTML element.

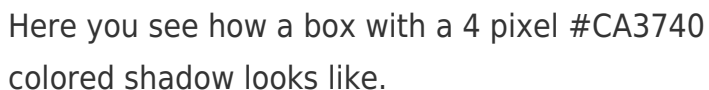
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CA3740 }
```

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

```
.border{ border-color:#CA3740 }
```

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



Here you see how a box with a 4 pixel `#CA3740` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA3740; -webkit-box-shadow:4px 4px  
4px 4px #CA3740; box-shadow:4px 4px 4px  
4px #CA3740 }
```

Background

The CSS property to change the background color of an element to Hex CA3740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA3740 }
```

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

```
.background{ background-color:#CA3740 }
```

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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