

Converting Colors

Hex(CA3C52)

Have a look what the booklet for
Hex(CA3C52) contains.

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Color

Hex(CA3C52)

Conversions

Conversions Part 1

Format	Color
Hex	CA3C52
RGB	202, 60, 82
RGB Percent	79%, 24%, 32%
CMY	0.2078, 0.7647, 0.6784
CMYK	0.00, 0.70, 0.59, 0.21
HSL	351°, 57%, 51%
HSV	351°, 70%, 79%
XYZ	27.4960, 16.3975, 9.6985
YIQ	104.9660, 77.5700, 36.9460

Conversions

Conversions Part 2

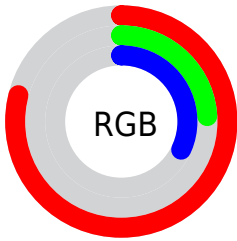
Format	Color
R_{YB}	202, 60, 82
Decimal	13253714
CIE _{Lab}	47.49, 57.01, 20.15
CIE _{LCh}	47, 60.469, 19.464
Yxy	16.3975, 0.5131, 0.3060
Android (android.graphics.Color)	4291443794 (0xFFCA3C52)
YUV	104.9660, -11.3222, 85.0988
Hunter-Lab	40.4938, 50.3404, 14.1454

Details

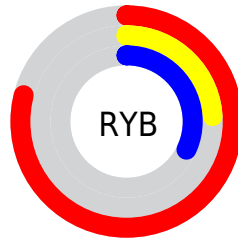
The Hex color **CA3C52** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **3CCAB4**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **FF7583**, and **8D0026** is the 20% darker color. If you saturate the color by 10%, you get **CA2841**, and if you desaturate by 10%, it is **CA5063**.

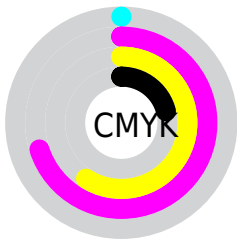
Distribution



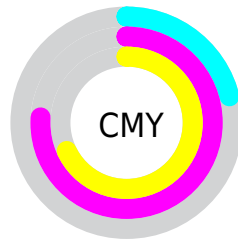
- Red (79%)
- Green (24%)
- Blue (32%)



- Red (79%)
- Yellow (24%)
- Blue (32%)



- Cyan (0%)
- Magenta (70%)
- Yellow (59%)
- Black (21%)



- Cyan (21%)
- Magenta (76%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA3C52 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 CA3C52 by changing the saturation by 10% instead.

 CA3C52

 CA3C52

FFFFFF

 AC1B3B

 FF7583

 8D0026

 FF909D

 700012

 FFADB8

 520000

 FFC9D4

 370002

 FFE7F0

 080000

 000000

 CA3C52

 CA3C52

 CA2841

 CA5063

■ CA1430

■ CA6474

■ CA001F

■ CA7985

■ CA8D96

■ CAA1A7

■ CAB5B8

■ CAC9C9

■ CADEDB

■ CAF2EC

Harmonies

Analogous

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



C23C85



CA3C52



B95122

Triad

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



CA3C52



218228



007CD5

Complementary

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



CA3C52



3CCAB4

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.



0085BE



CA3C52



00875C

Square

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



CA3C52



687800



008891



456BD2

Rectangle

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



CA3C52



A46100



008891



0080D0

Sweetspot

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



CA3C52



FFC9D2



B23CCA



806065



000000



808080

Same Dimension

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



CA3C52



FF294A



CA6B3C



665C5D



A6001A



260006

Inverse Universe

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



CA3C52



FF294A



3C9BCA



665C5D



A6001A



260006

Previews

White Background



This preview shows how the Hex color CA3C52 looks on a white background.

Color Contrast Check

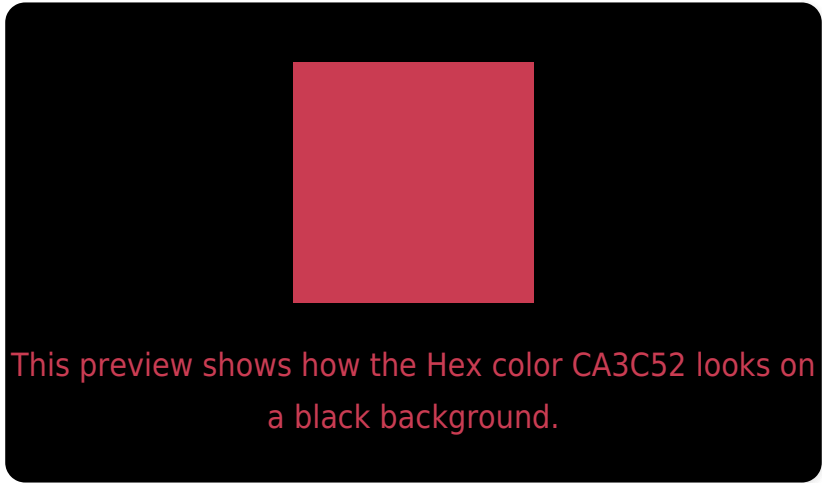
Large Text (above 18pt) WCAG AA ✓ Pass

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 CA3C52 Background



This preview shows how black text looks on a background with the Hex color CA3C52.

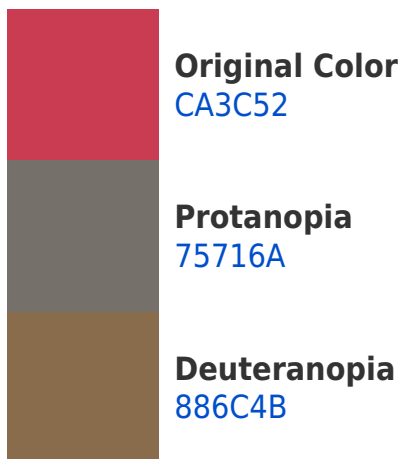


This preview shows how white text looks on a background with the Hex color CA3C52.

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](#).

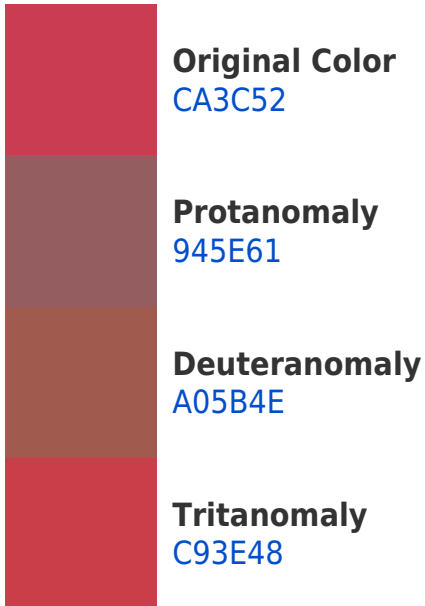
Dichromacy





Tritanopia
C93F42

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CA3C52 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 #CA3C52 looks like.

```
.text, #text, p{  
    color:#CA3C52  
}
```

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 #CA3C52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA3C52
}
```

Border

The CSS property to change the border of an element to Hex CA3C52 is called "border". The border property can be set on classes, ids or directly on the HTML element.

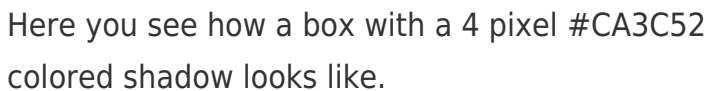
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CA3C52 }
```

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

```
.border{ border-color:#CA3C52 }
```

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



Here you see how a box with a 4 pixel `#CA3C52` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA3C52; -webkit-box-shadow:4px 4px  
4px 4px #CA3C52; box-shadow:4px 4px 4px  
4px #CA3C52 }
```

Background

The CSS property to change the background color of an element to Hex CA3C52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA3C52 }
```

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

```
.background{ background-color:#CA3C52 }
```

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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