

Converting Colors

Hex(CA3E56)

Have a look what the booklet for
Hex(CA3E56) contains.

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Color

Hex(CA3E56)

Conversions

Conversions Part 1

Format	Color
Hex	CA3E56
RGB	202, 62, 86
RGB Percent	79%, 24%, 34%
CMY	0.2078, 0.7569, 0.6627
CMYK	0.00, 0.69, 0.57, 0.21
HSL	350°, 57%, 52%
HSV	350°, 69%, 79%
XYZ	27.7595, 16.6737, 10.5594
YIQ	106.5960, 75.7360, 37.1440

Conversions

Conversions Part 2

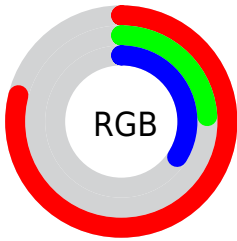
Format	Color
RYB	202, 62, 86
Decimal	13254230
CIELab	47.85, 56.54, 18.19
CIElCh	48, 59.393, 17.837
Yxy	16.6737, 0.5048, 0.3032
Android (android.graphics.Color)	4291444310 (0xFFCA3E56)
YUV	106.5960, -10.1538, 83.6693
Hunter-Lab	40.8334, 49.8897, 13.2513

Details

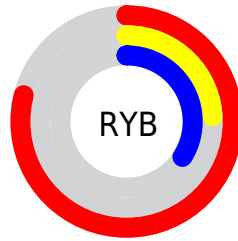
The Hex color **CA3E56** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **3ECAB2**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **FF7687**, and **8E0029** is the 20% darker color. If you saturate the color by 10%, you get **CA2A45**, and if you desaturate by 10%, it is **CA5267**.

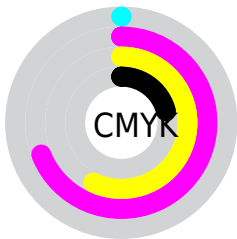
Distribution



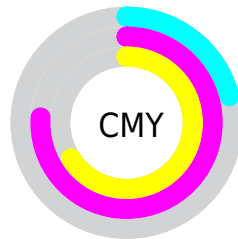
- Red (79%)
- Green (24%)
- Blue (34%)



- Red (79%)
- Yellow (24%)
- Blue (34%)



- Cyan (0%)
- Magenta (69%)
- Yellow (57%)
- Black (21%)



- Cyan (21%)
- Magenta (76%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA3E56 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 CA3E56 by changing the saturation by 10% instead.

 CA3E56

 CA3E56

FFFFFF

 AC1E3F

 FF7687

 8E0029

 FF92A2

 700015

 FFAEBD

 530000

 FFCBD8

 370002

 FFE8F5

 0B0000

 000000

 CA3E56

 CA3E56

 CA2A45

 CA5267

■ CA1635

■ CA6677

■ CA0124

■ CA7B88

■ CA0023

■ CA8F99

■ CAA3AA

■ CAB7BA

■ CACBCB

■ CAE0DC

■ CAF4ED

Harmonies

Analogous

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



C14088



CA3E56



BB5227

Triad

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



CA3E56



2B8228



007DD4

Complementary

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



CA3E56



3ECAB2

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.



0086BB



CA3E56



00875B

Square

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



CA3E56



6D7800



00888F



416DD2

Rectangle

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



CA3E56



A66104



00888F



0081CE

Sweetspot

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



CA3E56



FFC9D3



B03ECA



806065



000000



808080

Same Dimension

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



CA3E56



FF2B50



CA6A3E



665C5E



A6001C



260007

Inverse Universe

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



CA3E56



FF2B50



3E9ECA



665C5E



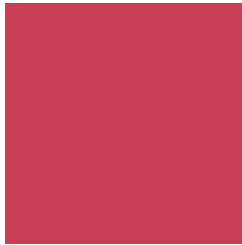
A6001C



260007

Previews

White Background



This preview shows how the Hex color CA3E56 looks on a white background.

Color Contrast Check

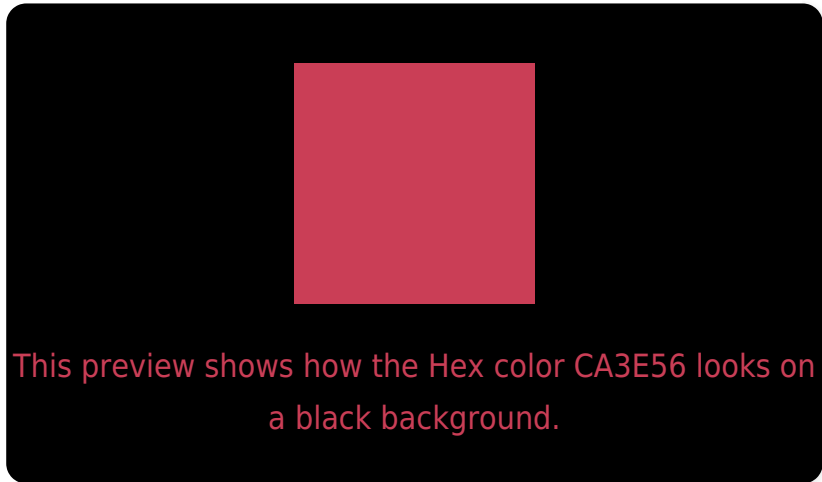
Large Text (above 18pt) WCAG AA ✓ Pass

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 CA3E56 Background



This preview shows how black text looks on a background with the Hex color CA3E56.

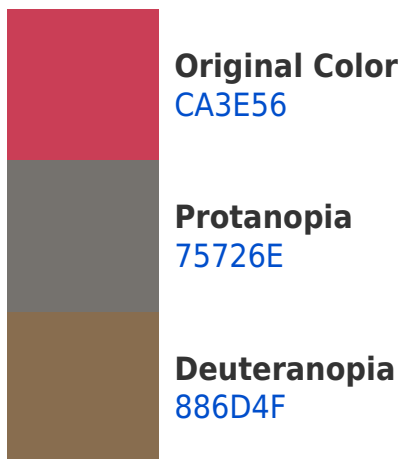


This preview shows how white text looks on a background with the Hex color CA3E56.

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
C94145

Trichromacy



Original Color
CA3E56

Protanomaly
945F65

Deuteranomaly
A05C52

Tritanomaly
C9404B

Monochromacy



Original Color
CA3E56

Achromatopsia
6B6B6B

Achromatomaly
8E5B63

CSS Examples

Text

The CSS property to change the color of the text to Hex CA3E56 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 #CA3E56 looks like.

```
.text, #text, p{  
    color:#CA3E56  
}
```

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 #CA3E56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA3E56
}
```

Border

The CSS property to change the border of an element to Hex CA3E56 is called "border". The border property can be set on classes, ids or directly on the HTML element.

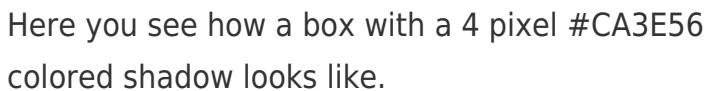
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CA3E56 }
```

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

```
.border{ border-color:#CA3E56 }
```

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



Here you see how a box with a 4 pixel `#CA3E56` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA3E56; -webkit-box-shadow:4px 4px  
4px 4px #CA3E56; box-shadow:4px 4px 4px  
4px #CA3E56 }
```

Background

The CSS property to change the background color of an element to Hex CA3E56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA3E56 }
```

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

```
.background{ background-color:#CA3E56 }
```

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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