

# Converting Colors

Hex(CA3B4E)

Have a look what the booklet for  
Hex(CA3B4E) contains.

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# Color

**Hex(CA3B4E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CA3B4E
RGB	202, 59, 78
RGB Percent	79%, 23%, 31%
CMY	0.2078, 0.7686, 0.6941
CMYK	0.00, 0.71, 0.61, 0.21
HSL	352°, 57%, 51%
HSV	352°, 71%, 79%
XYZ	27.2962, 16.2345, 8.9026
YIQ	103.9230, 79.1290, 36.2250

# Conversions

## Conversions Part 2

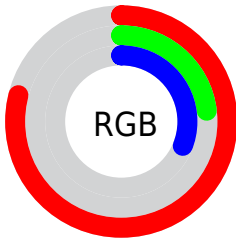
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	202, 59, 78
Decimal	13253454
CIE Lab	47.28, 57.12, 22.30
CIE LCh	47, 61.318, 21.325
Yxy	16.2345, 0.5206, 0.3096
Android (android.graphics.Color)	4291443534 (0xFFCA3B4E)
YUV	103.9230, -12.7800, 86.0135
Hunter-Lab	40.2921, 50.4151, 15.1042

# Details

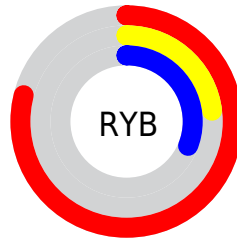
The Hex color **CA3B4E** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **3BCAB7**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **FF747F**, and **8D0022** is the 20% darker color. If you saturate the color by 10%, you get **CA273C**, and if you desaturate by 10%, it is **CA4F60**.

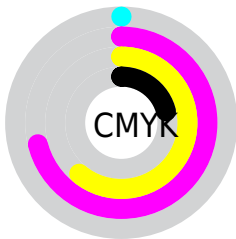
# Distribution



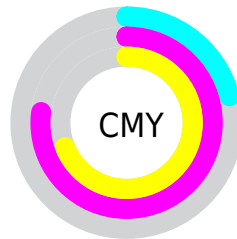
- Red (79%)
- Green (23%)
- Blue (31%)



- Red (79%)
- Yellow (23%)
- Blue (31%)



- Cyan (0%)
- Magenta (71%)
- Yellow (61%)
- Black (21%)



- Cyan (21%)
- Magenta (77%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CA3B4E 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 CA3B4E by changing the saturation by 10% instead.



 CA3B4E

 CA3B4E

FFFFFF

 AB1937

 FF747F

 8D0022

 FF9099

 6F000D

 FFACB3

 520000

 FFC9CF

 360002

 FFE6EB

 060000

 000000

 CA3B4E

 CA3B4E

 CA273C

 CA4F60

■ CA132B

■ CA6371

■ CA001B

■ CA7883

■ CA8C94

■ CAA0A6

■ CAB4B7

■ CAC8C9

■ CADDDA

■ CAF1EC

# Harmonies

## Analogous

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



C43981



CA3B4E



B8521E

# Triad

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



CA3B4E



13822A



007BD7

# Complementary

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



CA3B4E



3BCAB7

# 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.



0084C0



CA3B4E



00865F

# Square

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



CA3B4E



647900



008794



4C69D1

# Rectangle

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



CA3B4E



A16200



008794



007FD2



# Sweetspot

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



CA3B4E



FFC9D1



B73BCA



806064



000000



808080



# Same Dimension

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



CA3B4E



FF2643



CA6F3B



665C5D



A60016



260005



# Inverse Universe

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



CA3B4E



FF2643



3B96CA



665C5D



A60016



260005



# Previews

## White Background



This preview shows how the Hex color CA3B4E looks on a white background.

## Color Contrast Check

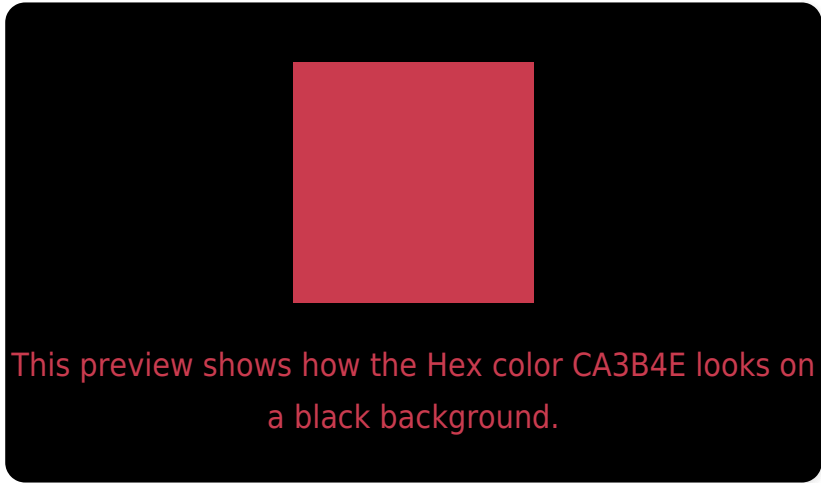
Large Text (above 18pt) WCAG AA ✓ Pass

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 CA3B4E Background



This preview shows how black text looks on a background with the Hex color CA3B4E.

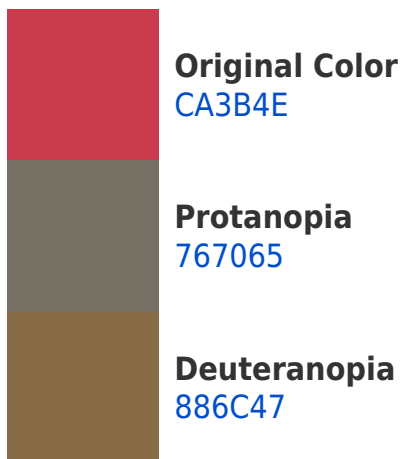


This preview shows how white text looks on a background with the Hex color CA3B4E.

# Color Blindness Simulation

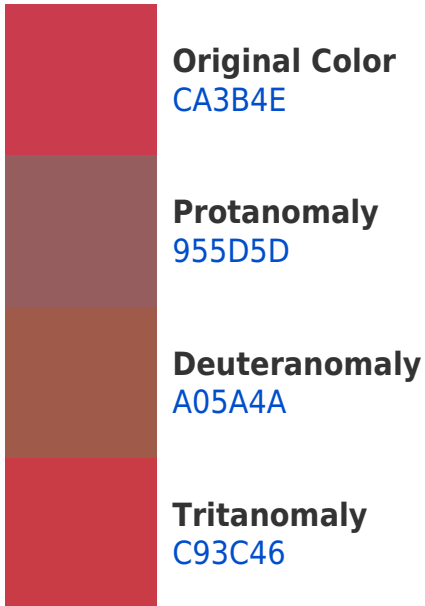
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CA3B4E 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 #CA3B4E looks like.

```
.text, #text, p{  
    color:#CA3B4E  
}
```

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 #CA3B4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA3B4E
}
```

## Border

The CSS property to change the border of an element to Hex CA3B4E is called "border". The border property can be set on classes, ids or directly on the HTML element.

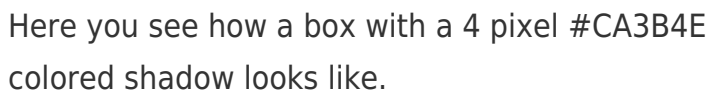
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CA3B4E }
```

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

```
.border{ border-color:#CA3B4E }
```

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



Here you see how a box with a 4 pixel `#CA3B4E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA3B4E; -webkit-box-shadow:4px 4px  
4px 4px #CA3B4E; box-shadow:4px 4px 4px  
4px #CA3B4E }
```

# Background

The CSS property to change the background color of an element to Hex CA3B4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA3B4E }
```

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

```
.background{ background-color:#CA3B4E }
```

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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