

# Converting Colors

Hex(C3414E)

Have a look what the booklet for  
Hex(C3414E) contains.

<b>Hex(C3414E)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(C3414E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C3414E
RGB	195, 65, 78
RGB Percent	76%, 25%, 31%
CMY	0.2353, 0.7451, 0.6941
CMYK	0.00, 0.67, 0.60, 0.24
HSL	354°, 52%, 51%
HSV	354°, 67%, 76%
XYZ	25.7711, 15.9328, 8.9248
YIQ	105.3520, 73.3070, 31.6030

# Conversions

## Conversions Part 2

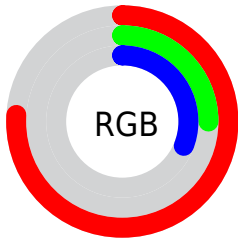
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	195, 65, 78
Decimal	12796238
CIE Lab	46.89, 52.56, 21.55
CIE LCh	47, 56.804, 22.291
Yxy	15.9328, 0.5090, 0.3147
Android (android.graphics.Color)	4290986318 (0xFFC3414E)
YUV	105.3520, -13.4845, 78.6213
Hunter-Lab	39.9159, 45.3933, 14.6845

# Details

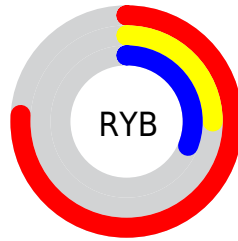
The Hex color **C3414E** is a dark color, and the websafe version is hex **993333**. The color can be described as dark muted red. A complement of this color would be **41C3B6**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **FF787F**, and **870022** is the 20% darker color. If you saturate the color by 10%, you get **C32E3C**, and if you desaturate by 10%, it is **C35560**.

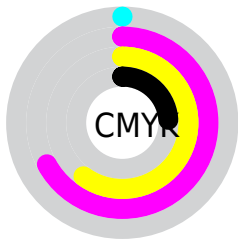
# Distribution



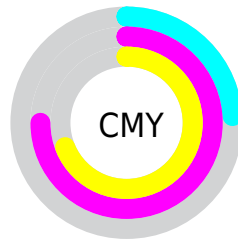
- Red (76%)
- Green (25%)
- Blue (31%)



- Red (76%)
- Yellow (25%)
- Blue (31%)



- Cyan (0%)
- Magenta (67%)
- Yellow (60%)
- Black (24%)



- Cyan (24%)
- Magenta (75%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C3414E 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 C3414E by changing the saturation by 10% instead.



 C3414E

 C3414E

FFFFFF

 A52337

 FF787F

 870022

 FF9399

 6A000D

 FFAFB4

 4D0000

 FFCCCF

 310002

 FFE9EB

 000000

 C3414E

 C3414E

 C32E3C

 C35560

 C31A2B

 C36871

 C30719

 C37C83

 C30014

 C38F94

 C3A3A6

 C3B6B7

 C3CAC9

 C3DDDA

 C3F1EC

# Harmonies

## Analogous

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



BE3F7E



C3414E



B15423

# Triad

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



C3414E



1E8030



0078CE

# Complementary

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



C3414E



41C3B6

# 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.



0082BA



C3414E



008461

# Square

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



C3414E



637700



008592



5468C8

# Rectangle

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



C3414E



9D6202



008592



007CCA



# Sweetspot

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



C3414E



FCCACF



B641C3



806164



000000



808080



# Same Dimension

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



C3414E



FC3247



C37541



615758



A10010



210003



# Inverse Universe

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



C3414E



FC3247



418FC3



615758



A10010



210003



# Previews

## White Background



This preview shows how the Hex color C3414E looks on a white background.

## Color Contrast Check

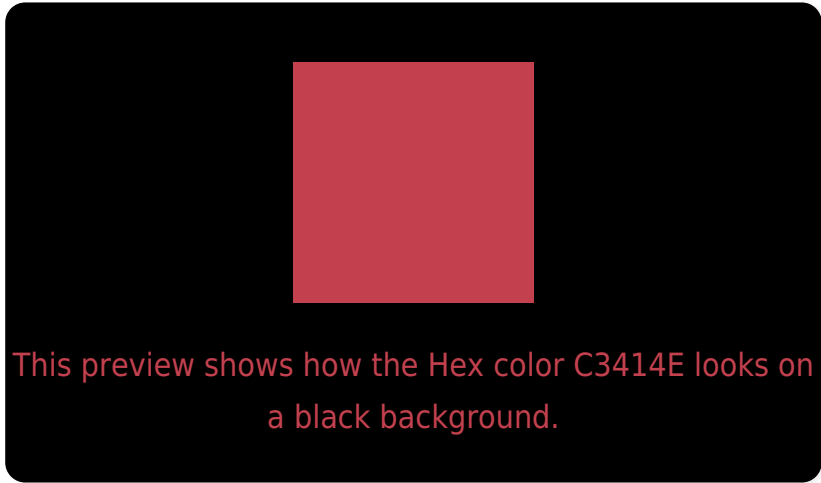
Large Text (above 18pt) WCAG AA ✓ Pass

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 C3414E Background



This preview shows how black text looks on a background with the Hex color C3414E.

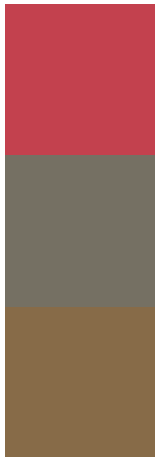


This preview shows how white text looks on a background with the Hex color C3414E.

# 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**  
C3414E

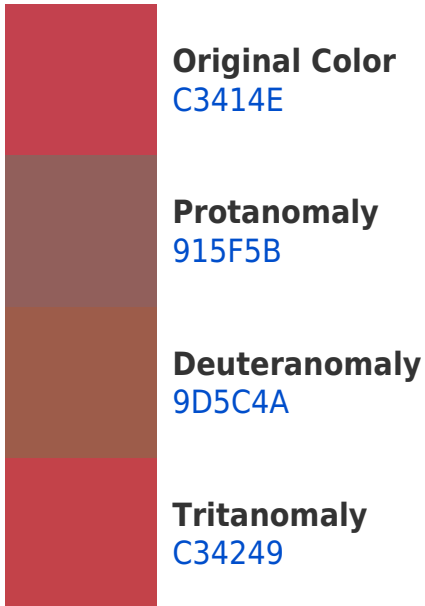
**Protanopia**  
757063

**Deuteranopia**  
876B48

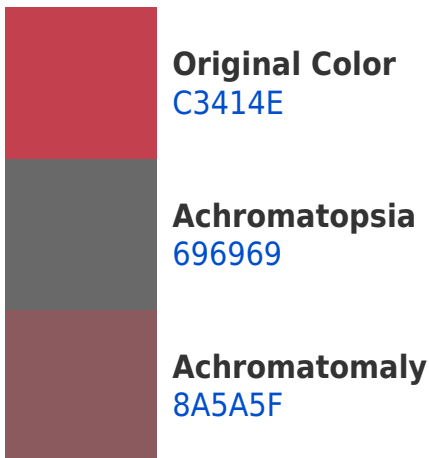


**Tritanopia**  
C34246

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C3414E 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 #C3414E looks like.

```
.text, #text, p{  
    color:#C3414E  
}
```

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 #C3414E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3414E
}
```

## Border

The CSS property to change the border of an element to Hex C3414E is called "border". The border property can be set on classes, ids or directly on the HTML element.

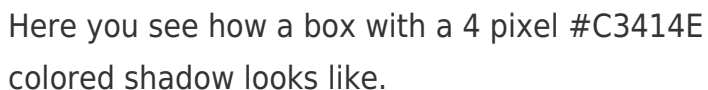
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C3414E }
```

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

```
.border{ border-color:#C3414E }
```

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



Here you see how a box with a 4 pixel `#C3414E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3414E; -webkit-box-shadow:4px 4px  
4px 4px #C3414E; box-shadow:4px 4px 4px  
4px #C3414E }
```

# Background

The CSS property to change the background color of an element to Hex C3414E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3414E }
```

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

```
.background{ background-color:#C3414E }
```

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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