

# Converting Colors

Hex(CC3E40)

Have a look what the booklet for  
Hex(CC3E40) contains.

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# Color

Hex(CC3E40)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC3E40
RGB	204, 62, 64
RGB Percent	80%, 24%, 25%
CMY	0.2000, 0.7569, 0.7490
CMYK	0.00, 0.70, 0.69, 0.20
HSL	359°, 58%, 52%
HSV	359°, 70%, 80%
XYZ	27.5499, 16.6528, 6.6128
YIQ	104.6860, 83.9900, 30.7260

# Conversions

## Conversions Part 2

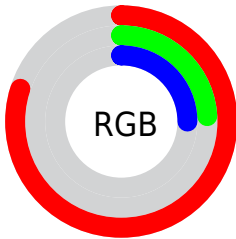
Format	Color
<a href="#">RYB</a>	204, 62, 64
Decimal	13385280
CIELab	47.82, 55.82, 31.42
CIElCh	48, 64.051, 29.375
Yxy	16.6528, 0.5422, 0.3277
Android (android.graphics.Color)	4291575360 (0xFFCC3E40)
YUV	104.6860, -20.0582, 87.0984
Hunter-Lab	40.8078, 49.0939, 18.9577

# Details

The Hex color **CC3E40** 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 **3ECCCA**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **FF7670**, and **8E0015** is the 20% darker color. If you saturate the color by 10%, you get **CC2A2C**, and if you desaturate by 10%, it is **CC5254**.

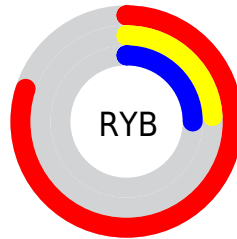
# Distribution



Red (80%)

Green (24%)

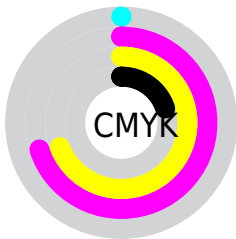
Blue (25%)



Red (80%)

Yellow (24%)

Blue (25%)

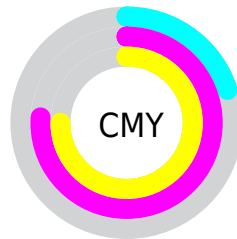


Cyan (0%)

Magenta (70%)

Yellow (69%)

Black (20%)



Cyan (20%)

Magenta (76%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC3E40 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 CC3E40 by changing the saturation by 10% instead.



 CC3E40

 CC3E40

FFFFFF

 AD1E2A

 FF7670

 8E0015

 FF9289

 710000

 FFAEA4

 520000

 FFCBBF

 370002

 FFE8DB

 090000

 FFFFF7

 000000

 CC3E40

 CC3E40

 CC2A2C

 CC5254

 CC1518

 CC6768

 CC0104

 CC7B7C

 CC0003

 CC9090

 CCA4A5

 CCB8B9

 CCCDCD

 CCE1E1

 CCF6F5

# Harmonies

## Analogous

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



CD3375



CC3E40



B35807

# Triad

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



CC3E40



008636



0079DE

# Complementary

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



CC3E40



3ECCCA

# 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.



0085CE



CC3E40



00896F

# Square

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



CC3E40



547D00



0089A5



6A63D1

# Rectangle

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



CC3E40



996800



0089A5



007EDC



# Sweetspot

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



CC3E40



FFC9CA



CA3ECC



806060



000000



808080



# Same Dimension

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



CC3E40



FF292C



CC833E



665C5C



A60002



260001



# Inverse Universe

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



CC3E40



FF292C



3E87CC



665C5C



A60002



260001



# Previews

## White Background



This preview shows how the Hex color CC3E40 looks on a white background.

## Color Contrast Check

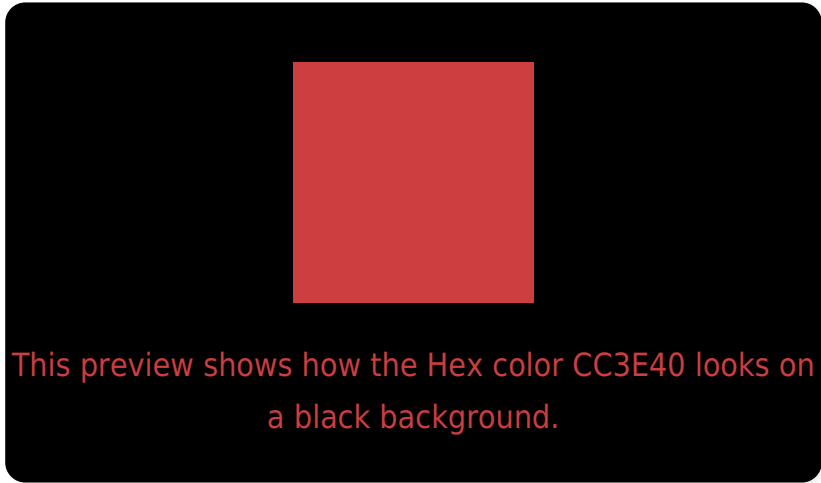
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC3E40 Background



This preview shows how black text looks on a background with the Hex color CC3E40.



This preview shows how white text looks on a background with the Hex color CC3E40.

# 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



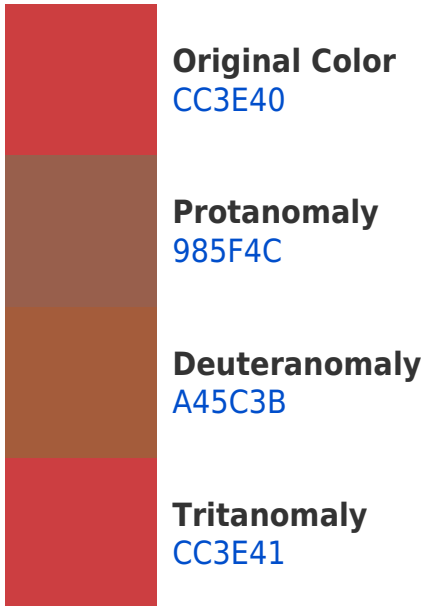
**Original Color**  
CC3E40

**Protanopia**  
7B7253

**Deuteranopia**  
8D6D38



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC3E40 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 #CC3E40 looks like.

```
.text, #text, p{  
    color:#CC3E40  
}
```

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 #CC3E40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC3E40
}
```

## Border

The CSS property to change the border of an element to Hex CC3E40 is called "border". The border property can be set on classes, ids or directly on the HTML element.

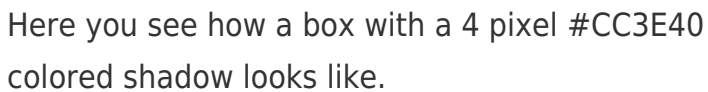
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CC3E40 }
```

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

```
.border{ border-color:#CC3E40 }
```

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



Here you see how a box with a 4 pixel `#CC3E40` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC3E40; -webkit-box-shadow:4px 4px  
4px 4px #CC3E40; box-shadow:4px 4px 4px  
4px #CC3E40 }
```

# Background

The CSS property to change the background color of an element to Hex CC3E40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC3E40 }
```

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

```
.background{ background-color:#CC3E40 }
```

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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