

# Converting Colors

Hex(CE3636)

Have a look what the booklet for  
Hex(CE3636) contains.

<b>Hex(CE3636)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(CE3636)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CE3636
RGB	206, 54, 54
RGB Percent	81%, 21%, 21%
CMY	0.1922, 0.7882, 0.7882
CMYK	0.00, 0.74, 0.74, 0.19
HSL	0°, 61%, 51%
HSV	0°, 74%, 81%
XYZ	27.4386, 16.0265, 5.1373
YIQ	99.4480, 90.5920, 32.2240

# Conversions

## Conversions Part 2

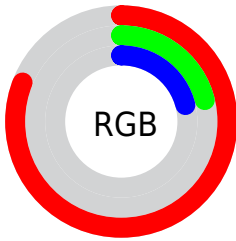
Format	Color
<a href="#">RYB</a>	<a href="#">206, 54, 54</a>
Decimal	<a href="#">13514294</a>
CIELab	<a href="#">47.01, 58.86, 36.37</a>
CIElCh	<a href="#">47, 69.191, 31.709</a>
Yxy	<a href="#">16.0265, 0.5646, 0.3297</a>
Android (android.graphics.Color)	<a href="#">4291704374</a> (0xFFCE3636)
YUV	<a href="#">99.4480, -22.4059, 93.4461</a>
Hunter-Lab	<a href="#">40.0331, 52.2857, 20.4147</a>

# Details

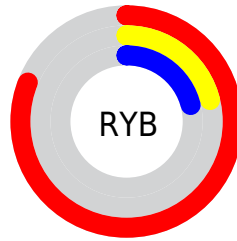
The Hex color **CE3636** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **36CECE**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **FF7065**, and **90000B** is the 20% darker color. If you saturate the color by 10%, you get **CE2121**, and if you desaturate by 10%, it is **CE4B4B**.

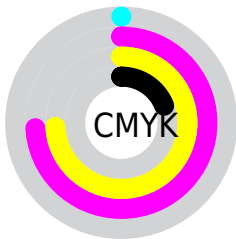
# Distribution



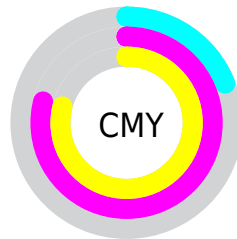
- Red (81%)
- Green (21%)
- Blue (21%)



- Red (81%)
- Yellow (21%)
- Blue (21%)



- Cyan (0%)
- Magenta (74%)
- Yellow (74%)
- Black (19%)



- Cyan (19%)
- Magenta (79%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CE3636 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 CE3636 by changing the saturation by 10% instead.



 CE3636

 CE3636

FFFFFF

 AF1020

 FF7065

 90000B

 FF8C7E

 710000

 FFA899

 520000

 FFC5B3

 360002

 FFE2CF

 070000

 FFFFEB

 000000

 CE3636

 CE3636

 CE2121

 CE4B4B

 CE0D0D

 CE5F5F

 CE0000

 CE7474

 CE8888

 CE9D9D

 CEB2B2

 CEC6C6

 CEDBDB

 CEEFEF

# Harmonies

## Analogous

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



D2226F



CE3636



B15600

# Triad

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



CE3636



008534



0076E5

# Complementary

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



CE3636



36CECE

# 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.



0083D6



CE3636



008871

# Square

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



CE3636



497D00



0088AC



6D5ED4

# Rectangle

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



CE3636



956700



0088AC



007CE4



# Sweetspot

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



CE3636



FFC7C7



CE36CE



805E5E



000000



808080



# Same Dimension

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



CE3636



FF1C1C



CE8236



665C5C



A60000



260000



# Inverse Universe

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



36CECE



1CFFFF



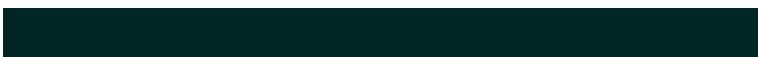
3682CE



5C6666



00A6A6



002626



# Previews

## White Background



This preview shows how the Hex color CE3636 looks on a white background.

## Color Contrast Check

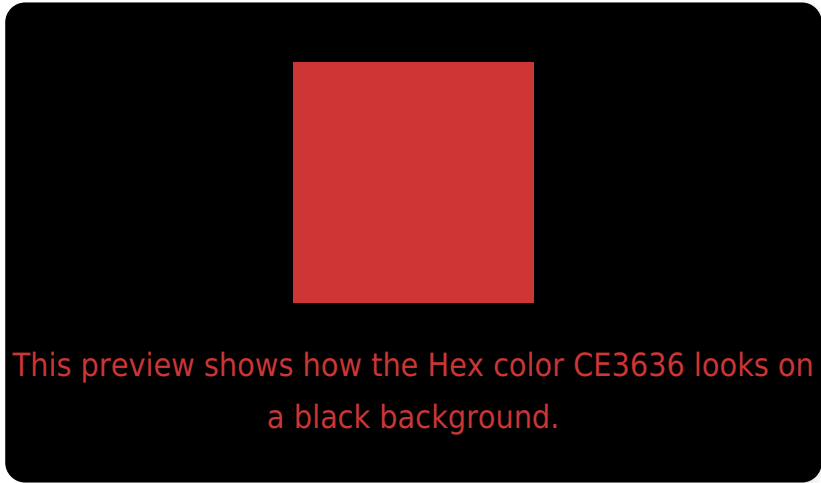
Large Text (above 18pt) WCAG AA ✓ Pass

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 CE3636 Background



This preview shows how black text looks on a background with the Hex color CE3636.



This preview shows how white text looks on a background with the Hex color CE3636.

# 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



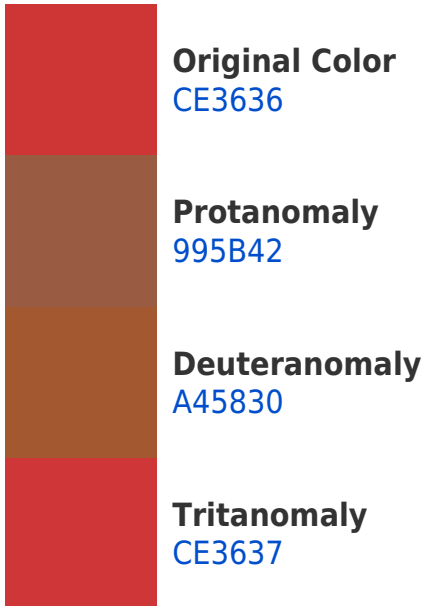
**Original Color**  
CE3636

**Protanopia**  
7A7049

**Deuteranopia**  
8C6B2C



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CE3636 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 #CE3636 looks like.

```
.text, #text, p{  
    color:#CE3636  
}
```

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 #CE3636 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE3636
}
```

## Border

The CSS property to change the border of an element to Hex CE3636 is called "border". The border property can be set on classes, ids or directly on the HTML element.

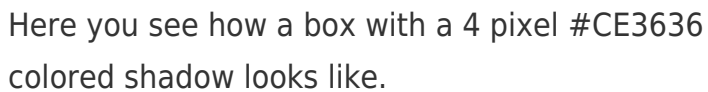
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CE3636 }
```

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

```
.border{ border-color:#CE3636 }
```

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



Here you see how a box with a 4 pixel `#CE3636` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE3636; -webkit-box-shadow:4px 4px  
4px 4px #CE3636; box-shadow:4px 4px 4px  
4px #CE3636 }
```

# Background

The CSS property to change the background color of an element to Hex CE3636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE3636 }
```

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

```
.background{ background-color:#CE3636 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor