

Converting Colors

Hex(CE3343)

Have a look what the booklet for
Hex(CE3343) contains.

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Color

Hex(CE3343)

Conversions

Conversions Part 1

Format	Color
Hex	CE3343
RGB	206, 51, 67
RGB Percent	81%, 20%, 26%
CMY	0.1922, 0.8000, 0.7373
CMYK	0.00, 0.75, 0.67, 0.19
HSL	354°, 61%, 50%
HSV	354°, 75%, 81%
XYZ	27.6505, 15.8947, 6.9208
YIQ	99.1690, 87.2440, 37.8360

Conversions

Conversions Part 2

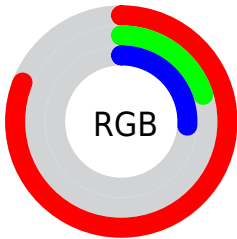
Format	Color
R_{YB}	206, 51, 67
Decimal	13513539
CIE Lab	46.84, 60.46, 28.52
CIE LCh	47, 66.847, 25.256
Yxy	15.8947, 0.5479, 0.3150
Android (android.graphics.Color)	4291703619 (0xFFCE3343)
YUV	99.1690, -15.8593, 93.6908
Hunter-Lab	39.8682, 54.0293, 17.6154

Details

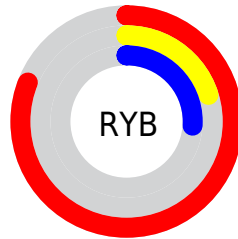
The Hex color **CE3343** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **33CEBE**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **FF6E73**, and **900018** is the 20% darker color. If you saturate the color by 10%, you get **CE1E31**, and if you desaturate by 10%, it is **CE4855**.

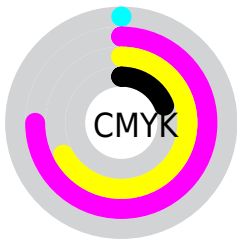
Distribution



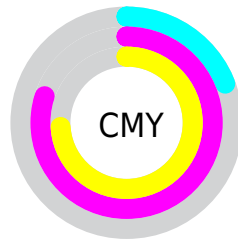
- Red (81%)
- Green (20%)
- Blue (26%)



- Red (81%)
- Yellow (20%)
- Blue (26%)



- Cyan (0%)
- Magenta (75%)
- Yellow (67%)
- Black (19%)



- Cyan (19%)
- Magenta (80%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color CE3343 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 CE3343 by changing the saturation by 10% instead.

 CE3343

 CE3343

FFFFFF

 AF082D

 FF6E73

 900018

 FF8A8C

 720000

 FFA7A7

 530001

 FFC3C2

 370002

 FFE1DE

 0A0000

 FFFEFB

 000000

 CE3343

 CE3343

 CE1E31

 CE4855

 CE0A1E

 CE5C68

 CE0015

 CE717A

 CE858D

 CE9A9F

 CEAFB2

 CEC3C4

 CED8D7

 CEECE9

Harmonies

Analogous

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



CC2A7A



CE3343



B75107

Triad

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



CE3343



008328



0079E0

Complementary

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



CE3343



33CEBE

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.



0084CB



CE3343



008764

Square

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



CE3343



597A00



00879E



5564D6

Rectangle

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



CE3343



9D6200



00879E



007EDC

Sweetspot

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



CE3343



FFC4CA



BC33CE



805C5F



000000



808080

Same Dimension

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



CE3343



FF1931



CE6E33



665C5D



A60011



260004

Inverse Universe

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



CE3343



FF1931



3393CE



665C5D



A60011



260004

Previews

White Background



This preview shows how the Hex color CE3343 looks on a white background.

Color Contrast Check

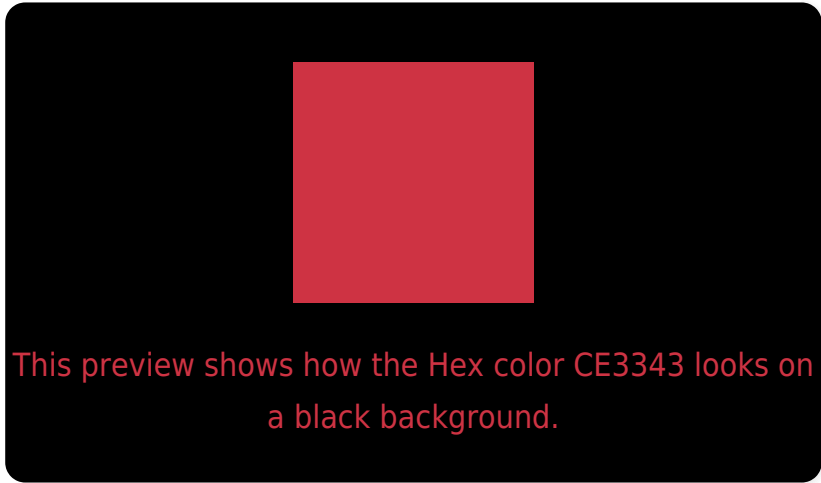
Large Text (above 18pt) WCAG AA ✓ Pass

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 CE3343 Background



This preview shows how black text looks on a background with the Hex color CE3343.

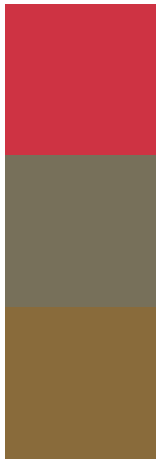


This preview shows how white text looks on a background with the Hex color CE3343.

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
CE3343

Protanopia
77705A

Deuteranopia
896B3B

Trichromacy



Original Color
CE3343

Protanomaly
975A52

Deuteranomaly
A2573E

Tritanomaly
CE343B

Monochromacy



Original Color
CE3343

Achromatopsia
636363

Achromatomaly
8A5257

CSS Examples

Text

The CSS property to change the color of the text to Hex CE3343 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 #CE3343 looks like.

```
.text, #text, p{  
    color:#CE3343  
}
```

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 #CE3343 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE3343
}
```

Border

The CSS property to change the border of an element to Hex CE3343 is called "border". The border property can be set on classes, ids or directly on the HTML element.

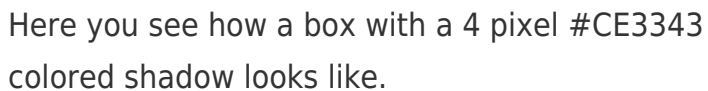
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CE3343 }
```

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

```
.border{ border-color:#CE3343 }
```

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



Here you see how a box with a 4 pixel `#CE3343` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE3343; -webkit-box-shadow:4px 4px  
4px 4px #CE3343; box-shadow:4px 4px 4px  
4px #CE3343 }
```

Background

The CSS property to change the background color of an element to Hex CE3343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE3343 }
```

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

```
.background{ background-color:#CE3343 }
```

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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