

Converting Colors

Hex(CE3040)

Have a look what the booklet for
Hex(CE3040) contains.

Hex(CE3040)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CE3040)

Conversions

Conversions Part 1

Format	Color
Hex	CE3040
RGB	206, 48, 64
RGB Percent	81%, 19%, 25%
CMY	0.1922, 0.8118, 0.7490
CMYK	0.00, 0.77, 0.69, 0.19
HSL	354°, 62%, 50%
HSV	354°, 77%, 81%
XYZ	27.4360, 15.6059, 6.4167
YIQ	97.0660, 89.0320, 38.4720

Conversions

Conversions Part 2

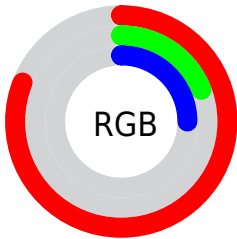
Format	Color
R_{YB}	206, 48, 64
Decimal	13512768
CIE Lab	46.45, 61.25, 29.85
CIE LCh	46, 68.135, 25.981
Yxy	15.6059, 0.5547, 0.3155
Android (android.graphics.Color)	4291702848 (0xFFCE3040)
YUV	97.0660, -16.3015, 95.5351
Hunter-Lab	39.5043, 54.8369, 18.0225

Details

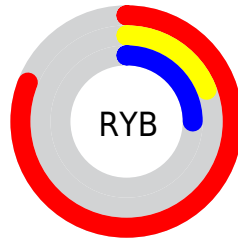
The Hex color **CE3040** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **30CEBE**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **FF6C70**, and **900016** is the 20% darker color. If you saturate the color by 10%, you get **CE1B2D**, and if you desaturate by 10%, it is **CE4553**.

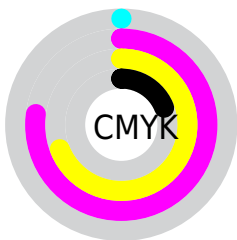
Distribution



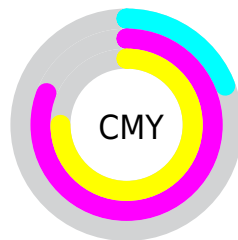
- Red (81%)
- Green (19%)
- Blue (25%)



- Red (81%)
- Yellow (19%)
- Blue (25%)



- Cyan (0%)
- Magenta (77%)
- Yellow (69%)
- Black (19%)



- Cyan (19%)
- Magenta (81%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color CE3040 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 CE3040 by changing the saturation by 10% instead.

 CE3040

 CE3040

FFFFFF

 AF002A

 FF6C70

 900016

 FF8889

 720000

 FFA4A3

 530001

 FFC1BF

 360002

 FFDFDA

 070000

 FFFCF7

 000000

 CE3040

 CE3040

 CE1B2D

 CE4553

 CE071B

 CE5965

 CE0015

 CE6E78

 CE828A

 CE979D

 CEACAF

 CEC0C2

 CED5D4

 CEE9E7

Harmonies

Analogous

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



CD2578



CE3040



B65000

Triad

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



CE3040



008227



0078E1

Complementary

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



CE3040



30CEBE

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.



0083CD



CE3040



008664

Square

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



CE3040



557900



00879F



5562D6

Rectangle

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



CE3040



9B6200



00879F



007DDE

Sweetspot

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



CE3040



FFC4CA



BC30CE



805C5F



000000



808080

Same Dimension

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



CE3040



FF142C



CE6D30



665C5D



A60011



260004

Inverse Universe

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



CE3040



FF142C



3091CE



665C5D



A60011



260004

Previews

White Background



This preview shows how the Hex color CE3040 looks on a white background.

Color Contrast Check

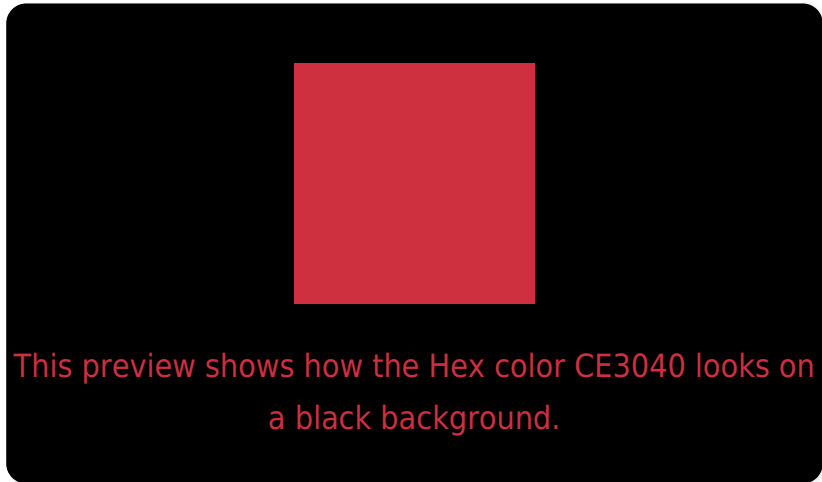
Large Text (above 18pt) WCAG AA ✓ Pass

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 CE3040 Background



This preview shows how black text looks on a background with the Hex color CE3040.



This preview shows how white text looks on a background with the Hex color CE3040.

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
CE3040

Protanopia
766F57

Deuteranopia
886A37

Trichromacy



Original Color
CE3040

Protanomaly
96584F

Deuteranomaly
A1553A

Tritanomaly
CE3138

Monochromacy



Original Color
CE3040

Achromatopsia
616161

Achromatomaly
894F55

CSS Examples

Text

The CSS property to change the color of the text to Hex CE3040 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 #CE3040 looks like.

```
.text, #text, p{  
    color:#CE3040  
}
```

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 #CE3040 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE3040
}
```

Border

The CSS property to change the border of an element to Hex CE3040 is called "border". The border property can be set on classes, ids or directly on the HTML element.

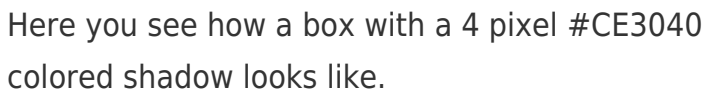
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CE3040 }
```

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

```
.border{ border-color:#CE3040 }
```

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



Here you see how a box with a 4 pixel `#CE3040` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE3040; -webkit-box-shadow:4px 4px  
4px 4px #CE3040; box-shadow:4px 4px 4px  
4px #CE3040 }
```

Background

The CSS property to change the background color of an element to Hex CE3040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE3040 }
```

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

```
.background{ background-color:#CE3040 }
```

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