

Converting Colors

Hex(CE1B42)

Have a look what the booklet for
Hex(CE1B42) contains.

| | |
|--|----|
| Hex(CE1B42) | 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(CE1B42)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | CE1B42 |
| RGB | 206, 27, 66 |
| RGB Percent | 81%, 11%, 26% |
| CMY | 0.1922, 0.8941, 0.7412 |
| CMYK | 0.00, 0.87, 0.68, 0.19 |
| HSL | 347°, 77%, 46% |
| HSV | 347°, 87%, 81% |
| XYZ | 26.8289, 14.2990, 6.5002 |
| YIQ | 84.9670, 94.1650, 50.0770 |

Conversions

Conversions Part 2

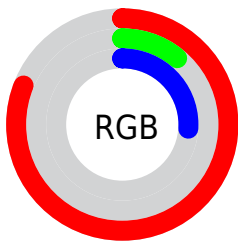
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 206, 27, 66 |
| Decimal | 13507394 |
| CIE Lab | 44.66, 66.53, 26.42 |
| CIE LCh | 45, 71.581, 21.658 |
| Yxy | 14.2990, 0.5633, 0.3002 |
| Android (android.graphics.Color) | 4291697474 (0xFFCE1B42) |
| YUV | 84.9670, -9.3507, 106.1459 |
| Hunter-Lab | 37.8141, 60.4704, 16.2779 |

Details

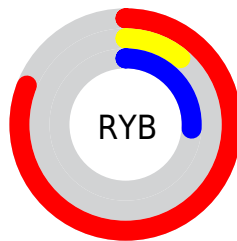
The Hex color **CE1B42** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **1BCEA7**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **FF5F72**, and **8F0018** is the 20% darker color. If you saturate the color by 10%, you get **CE0632**, and if you desaturate by 10%, it is **CE3052**.

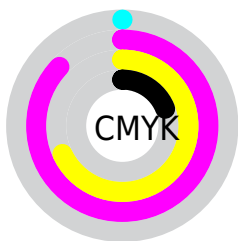
Distribution



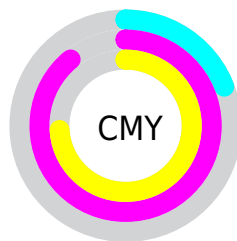
- Red (81%)
- Green (11%)
- Blue (26%)



- Red (81%)
- Yellow (11%)
- Blue (26%)



- Cyan (0%)
- Magenta (87%)
- Yellow (68%)
- Black (19%)



- Cyan (19%)
- Magenta (89%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color CE1B42 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 CE1B42 by changing the saturation by 10% instead.

 CE1B42

 CE1B42

FFFFFF

 AF002C

 FF5F72

 8F0018

 FF7C8B

 710000

 FF99A5

 520002

 FFB7C0

 350002

 FFD4DC

 010000

 FFF2F9

 000000

 CE1B42

 CE1B42

 CE0632

 CE3052

 CE002D

 CE4462

 CE5972

 CE6D82

 CE8293

 CE97A3

 CEABB3

 CEC0C3

 CED4D3

Harmonies

Analogous

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



C9137D



CE1B42



B84400

Triad

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



CE1B42



007D12



0076E1

Complementary

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



CE1B42



1BCEA7

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.



0080C7



CE1B42



008256

Square

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



CE1B42



587300



008394



2F61DA

Rectangle

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



CE1B42



9E5900



008394



007BDC

Sweetspot

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



CE1B42



FFBDCB



A41BCE



805861



000000



808080

Same Dimension

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



CE1B42



FF0038



CE4B1B



665C5E



A60024



260008

Inverse Universe

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



CE1B42



FF0038



1B9ECE



665C5E



A60024



260008

Previews

White Background



This preview shows how the Hex color CE1B42 looks on a white background.

Color Contrast Check

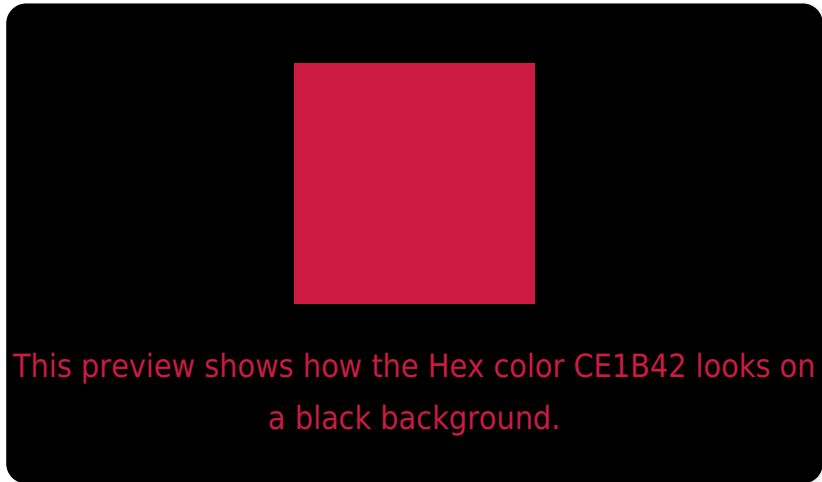
Large Text (above 18pt) WCAG AA ✓ Pass

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 CE1B42 Background



This preview shows how black text looks on a background with the Hex color CE1B42.

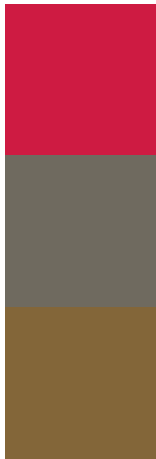


This preview shows how white text looks on a background with the Hex color CE1B42.

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

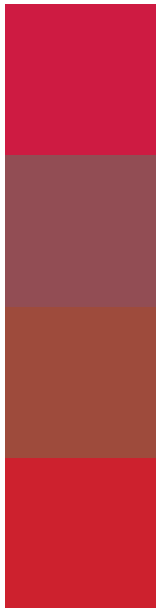


Original Color
CE1B42

Protanopia
6F6A5F

Deuteranopia
836639

Trichromacy



Original Color
CE1B42

Protanomaly
924D54

Deuteranomaly
9E4B3C

Tritanomaly
CD212E

Monochromacy



Original Color
CE1B42

Achromatopsia
555555

Achromatomaly
81404E

CSS Examples

Text

The CSS property to change the color of the text to Hex CE1B42 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 #CE1B42 looks like.

```
.text, #text, p{  
    color:#CE1B42  
}
```

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 #CE1B42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE1B42
}
```

Border

The CSS property to change the border of an element to Hex CE1B42 is called "border". The border property can be set on classes, ids or directly on the HTML element.

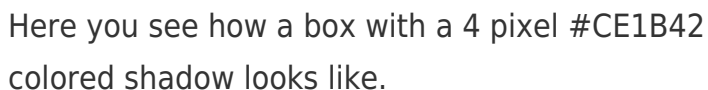
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CE1B42 }
```

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

```
.border{ border-color:#CE1B42 }
```

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



Here you see how a box with a 4 pixel `#CE1B42` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE1B42; -webkit-box-shadow:4px 4px  
4px 4px #CE1B42; box-shadow:4px 4px 4px  
4px #CE1B42 }
```

Background

The CSS property to change the background color of an element to Hex CE1B42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE1B42 }
```

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

```
.background{ background-color:#CE1B42 }
```

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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